

Children's World



YEAR IN REVIEW ISSUE

1987

Page 2	Message from the Chairman and the President
Page 5	Special Report: Profiles of William Berenberg, M.D., and Alexander S. Nadas, M.D.
Page 19	1987 Activities and Accomplishments
Page 37	Statistical and Financial Report
Page 43	People, Departments, and Programs

The Children's Hospital, 300 Longwood Avenue, Boston, MA 02115
President: David S. Weiner Chairman of the Board: David I. Kosowsky, Sc.D.
Children's World is published by the Office of Public Affairs
Vice President for Development and Public Affairs: David Estridge
Editor: Peggy Slasman



THE YEAR
IN REVIEW

MESSAGE FROM THE CHAIRMAN AND THE PRESIDENT



David I. Koszowsky, Sc.D.

*I*n the life of a great institution there are many seasons, and each is marked by the accomplishments and contributions of the many people whose dedicated efforts preserve and enrich the legacy entrusted to them. This past year at Children's witnessed just such a season, in the culmination of a long-held dream that will shape the future of the hospital as it enters the 21st century.

In November, Children's dedicated a 10-story patient care facility that marks a new era in the hospital's long tradition of service to children and their families. Hundreds of members of the hospital family—including patients, parents, physicians, nurses and other employees, trustees, overseers, donors, administrators, and special guests—gathered to celebrate a shared vision that is now a reality bright with promise.

Designed to accommodate sophisticated technology and expanded services in areas such as bone marrow transplantation, the new building is more than just a modern physical plant: It is also a warm and comforting place for families faced with critical illness and its attendant anxiety. Children's commitment to combining compassionate care with the most advanced technical support is eloquently evoked in the thoughtful design of each patient room, each unit, each floor.

Even as hospital departments and the patients themselves moved into the new building early in February 1988, Children's was beginning yet another ambitious project in preparing for the needs of its young patients: the expansion of the Enders research facility. When the addition is completed in 1990, space in what is already the largest pediatric research program in the world will have nearly doubled, enabling Children's researchers to build upon successful current projects and embark upon new areas of investigation.

This year, then, has been a very special time of accomplishment, renewal, and hope. The substantial commitments made to

continuing excellence in patient care, teaching, and research, however, come at a period of pronounced uncertainty and rapid change in the health care environment. New delivery systems, increasing market competition, declining resources, and shortages of skilled health care professionals pose a considerable challenge to Children's and other hospitals seeking to maintain first-class service while containing costs.

Faced with these challenges, and firmly committed to our historic mission, what is our course? The answer lies, as it must, in the institutional values that shape the hospital's decision-making and its performance in every area of activity. Excellence, leadership, sensitivity—these are the stated values that guide Children's in the fulfillment of its mission, and will govern the hospital's response to change.

Excellence at Children's Hospital means the highest quality patient care, innovative therapies and treatments, and pioneering research programs. It also means efficient and resourceful management, committed to containing costs and encouraging initiative. In the last year, management has taken aggressive steps to trim the budget and contain costs in areas outside direct patient care operations.

The hospital's leadership in the profession of pediatrics is widely recognized, and that standing is reinforced by efforts to support patient services with the most advanced systems available. Children's multi-year commitment to creating a state-of-the-art integrated hospital information system will not only dramatically improve the information that guides decision-making; it will also set an industry standard for hospital applications.

Leadership in national and local debates on child health issues is a role we at Children's must assume with greater determination. Increasingly, a public confronted by pressing health care issues looks to the leading pediatric institution in the nation for



David S. Weiner

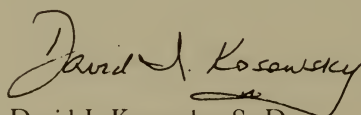
advocacy, as well as aid. At a time when children are suffering disproportionately the consequences of an historic realignment of national resources, Children's must bear witness to their plight: to the lack of prenatal care, adequate nutrition, and immunization programs.

Lastly, the practice of medicine in teaching hospitals grows more, not less, complex. Parents whose children face critical illness need to know that compassionate professionals stand ready to help them. Sensitivity to the needs of patients, families, and staff eases the strain that accompanies hospitalization and the increasing acuity of care. Everyone who works at Children's is part of that network of support.

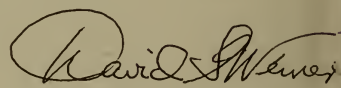
Excellence, leadership, sensitivity—these are the values that will help Children's adapt successfully to changes in the health care environment. If, as we are determined, Children's remains at the forefront of pediatric patient care, research, and teaching; if the hospital is a model of creative, responsible management; if patients and families find a supportive environment and a responsive staff; then Children's leadership position in pediatric health care will remain secure.

And as we look to the next century, and the unforeseeable changes it will doubtless bring, it is clear that the best preparation is a steadfast pursuit of the hospital's longstanding mission. Teaching and research strengthen patient care at Children's by bringing to the bedside the latest thinking, the widest range of human and technical resources, and the greatest experience. Advances in research and new treatments and therapies in patient care enrich the collective expertise that is the hospital's greatest resource. That is what brings talented professionals to work at Children's, and it is that expertise families seek when their youngsters are in need of care.

We greet the new year grateful to all the members of the hospital family for a truly outstanding season, and confident in our readiness to meet the challenges ahead.



David I. Kosowsky, Sc.D.
Chairman of the Board



David S. Weiner
President



SPECIAL REPORT

**Endowed
professorships to
honor two pioneers
in pediatric
medicine**

In the long and rich history of medicine, pediatrics is but a child. Yet, in its 130-year existence in the United States, the field has grown, evolved, and flourished. Many Children's Hospital physicians have played leading roles in this rapid development.

William Berenberg, M.D., and Alexander S. Nadas, M.D., are two such pioneers whose work has been responsible for improving or saving the lives of thousands of youngsters.

To recognize the outstanding contributions of these two physicians, Children's Board of Trustees agreed to launch fund-raising programs to establish the William Berenberg Professorship in General Pediatrics and the Alexander S. Nadas Professorship in Pediatric Cardiology at Harvard Medical School.

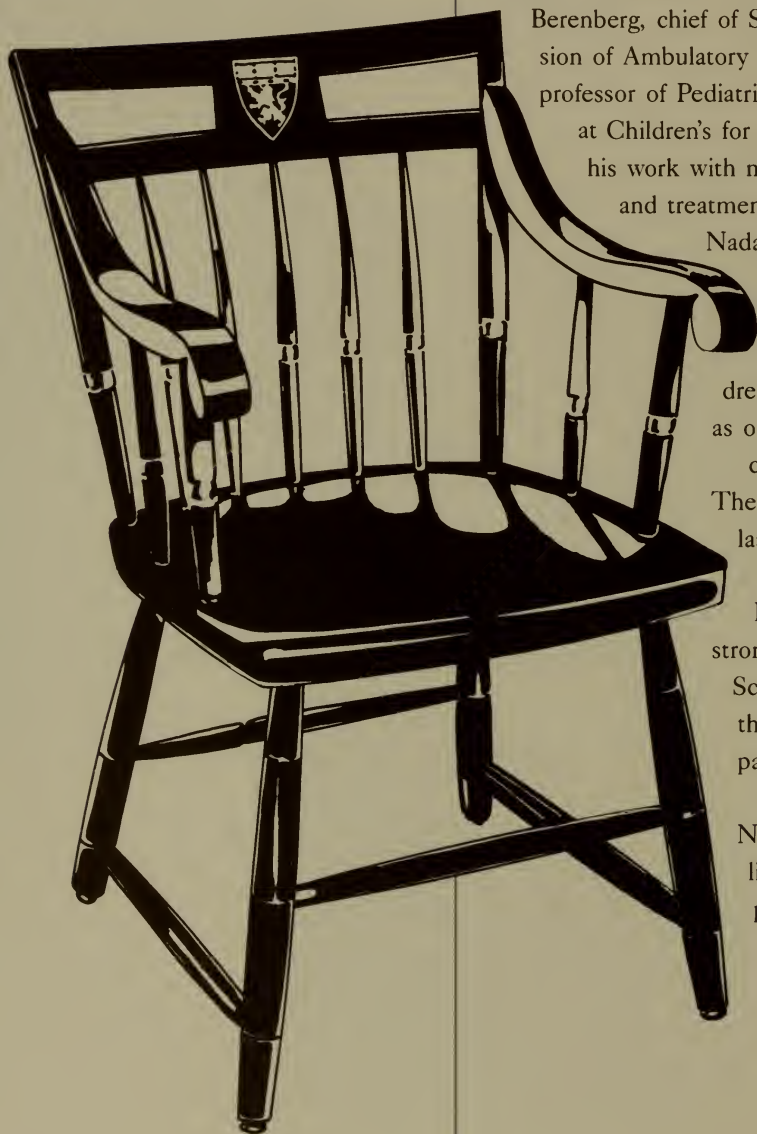
Berenberg, chief of Services to Handicapped Children, Division of Ambulatory Medicine at Children's Hospital and professor of Pediatrics at Harvard Medical School, has been at Children's for 46 years. He is perhaps best known for his work with multidisciplinary teams in the diagnosis and treatment of handicapped children.

Nadas, cardiologist-in-chief emeritus at Children's Hospital and professor of Pediatrics emeritus at Harvard Medical School, has been associated with Children's for 39 years. He is recognized as one of the founding fathers of pediatric cardiology.

The endowed professorships, or "chairs," are lasting and fitting tributes to these respected members of Children's medical staff.

In addition, the chairs recognize the strong bond between Harvard Medical School and Children's Hospital as well as the hospital's commitment to excellence in patient care, teaching, and research.

The following profiles of Berenberg and Nadas provide a detailed look into the lives and careers of these two eminent physicians.



A complete physician and an inspiration



**"The medical model
he's established has
been outstanding."**

— Larry Kaplan, M.D.

What pleases Bill Berenberg most about the honor is the operative word "general."

The William Berenberg Professorship in General Pediatrics does not recognize a career only in handicapped services or cerebral palsy; it distinguishes a man who has influenced pediatrics in a much broader sense.

After 46 years at Children's Hospital, clinician, researcher, and teacher William Berenberg, M.D., is most appreciated for his compassion, his warmth, and his ability to cultivate talent and steer it in the right direction.

Berenberg, senior associate in Medicine and chief of Services to Handicapped Children, Division of Ambulatory Medicine, is known nationally and internationally as a pioneer in the diagnosis and care of handicapped children. A host of awards attests to his lifetime contributions to the study of cerebral palsy and the care of its victims.

Just as important, he is a valuable and reassuring contact to scores of patients and parents around the globe. On any given



"Some days you have to run awfully fast just to stand still."

— William Berenberg, M.D.

day, a log of his incoming calls would reveal parents from Manhattan to Mexico checking on all aspects of their children's diseases.

And in the family that is Children's Hospital, Bill Berenberg is warmly and universally described as a sort of clinical factotum, a highly skilled handyman who could walk into virtually any department and take charge.

Berenberg had been working at Children's for five years when Charles A. Janeway, M.D., was appointed physician-in-chief in 1946. A graduate of Boston University Medical School and Harvard College, Berenberg had already carved a name for himself, first working under Sidney Farber, M.D., in Pathology, and later as the chief resident on the house staff.

"Berenberg was a master," says David G. Nathan, M.D., physician-in-chief at Children's. "There wasn't anything but pathology in those days, and the best clinician was the person who had the best memory and could integrate it."

Janeway was building a staff of the most talented pediatricians he could find, a staff that would excel at patient care, teaching, and developing specialties. He had collaborated with Berenberg

on research for several years, and invited Berenberg to take on a very important area.

"Dr. Janeway decided to focus in on the practice of handicapped children and cerebral palsy," recalls Berenberg. "I was asked to lead the practice and develop it. I stayed in that field and, subsequently, Dr. Janeway asked me to serve as his associate chief."

Janeway soon saw results in the form of Berenberg's greatest gift to the care of handicapped children and cerebral palsy patients.

It was in 1952 that Berenberg displayed keen vision in creating a concept that today seems at once natural and logical: the multidisciplinary team. As is often the case in such strokes of brilliance, the approach came out of what Berenberg saw as a very obvious void.

"Families were going from one physician to another for help, seeing a pediatrician, a neurologist, a physical therapist, an orthopaedist, a psychologist, and so on," says Berenberg. "It seemed the wise thing to do was incorporate all this into a single group and get that group together to make wise decisions based on shared information."

A simple idea, indeed . . . after the fact.

Berenberg's leadership and innovation is cited by many physicians as the motivational and steadying influence that guided them through their internships.

"The medical model he's established has been outstanding," says Larry Kaplan, M.D., director of the Birth Defects Service, a program that coordinates the care of multiply disabled children. "He teaches you how to be a good doctor, to treat your colleagues with respect and your patients with even more respect. Bill Berenberg, more than anyone, inspired me to develop the Birth Defects Service, and he's been a major influence in my life."

The multidisciplinary team opened the door to much-improved diagnoses and served to make the hospital experience more bearable and meaningful to patients and their families. Berenberg remains the only chief the cerebral palsy division has ever had, and he's transformed it from a local program serving a small number of patients into a regional and national center with more than 1,000 patients.

Another breakthrough was forged in 1953, when Berenberg formed one of the nation's first nursery schools for children with cerebral palsy. Similar schools are now commonplace in most large communities in the United States. "We established the fact that if you provide children with that type of experience early in life, a great number of them will be able to move into public school systems."

Though progress has been made in preventing cerebral palsy, new causes have surfaced. Ironically, advances in medicine have had a hand in both developments. Immunization against maternal infections such as German measles, and preventive measures against jaundice associated with Rh incompatibility, for example, have paved the way for a much lower incidence of cerebral palsy, as has the proliferation of newborn intensive care units. But the ICUs' ability to save very premature and dysmature infants has left some babies more at risk to cerebral palsy, as has the increased ability to save children with serious head injuries.

The irony and the frustration are not lost on long-time observer Berenberg: "Some days you have to run awfully fast just to stand still."

Last fall Berenberg received the Presidential Award from the American Academy for Cerebral Palsy and Developmental Medicine. The award is given "in recognition of service to the Academy for outstanding contributions throughout the years." It is the latest in a succession of distinguished service and humanitarian awards he has won.

For four decades Berenberg has been United Cerebral Palsy's national vice president for medical affairs, and over the years UCP has enlisted his help in a variety of capacities.

If his work in cerebral palsy has brought Berenberg worldwide recognition, his mastery of general pediatrics—and his ability to impart that knowledge—has made him a legend at Children's Hospital.

Kaplan, who later served Berenberg as a cerebral palsy fellow, was an intern when Berenberg admitted to the hospital a 12-year-old patient with chronic diarrhea who was also experiencing anxiety in school. Kaplan included in his admission note a suggestion to consult the Psychiatry service, but when Berenberg passed through to write the attending physician's note that evening, he advised a thyroid test and an upper gastrointestinal (GI) series. Kaplan, mindful of the tests' costs, questioned the GI study and suggested delaying the thyroid test, pending the psychiatric report.

Berenberg asked Kaplan to "give it a try," and the tests were administered. The GI series indicated increased intestinal motility consistent with hyperthyroidism, and the thyroid tests confirmed greatly increased thyroid activity.

"Knowing this patient for awhile, Dr. Berenberg knew he had never been unusually anxious and that his chronic diarrhea had never been a problem before," remembers Kaplan, "but he very politely let me stumble upon the diagnosis, even though he knew my suggestions were off the mark. I'll never forget that."

Allen C. Crocker, M.D., senior associate in Medicine and director of the Developmental Evaluation Clinic, was and is also a benefactor of Berenberg's quiet, supportive leadership. Crocker remembers working as an intern in the tuberculosis-meningitis ward after the second World War. Located in a stucco porch off what was then 1 Lower, it housed mostly terminal, long-term patients, and it was a grim, troubled scene.

"It was a hell of an assignment," recalls Crocker. "Bill kept the faith, and his incredibly good spirits helped keep the house staff's hopes high. It was sometimes tough to carry on, but everyone gave more of themselves because of Bill's example."

Even at the age of 35, Berenberg, then an associate physician, was a valuable resource to Crocker during his internship and residency. "My debt to him is really very substantial," Crocker says. "He was and is a critical, valuable member of the hospital family, but in those days I really needed his guidance."

Crocker also witnessed the facility Berenberg enjoyed in a variety of pediatric specialties. It was during the war years, when there was a severe shortage of hospital personnel.

"He was virtually a one-man house staff for a number of years," says Crocker. "In a person's evolution there are certain times when you test your mettle, and in those days Bill really rolled up his sleeves and did a yeoman's job. His skill in a number of areas was phenomenal."

In later years, Berenberg served as acting chief of Neonatology, and, when Farber retired, he was chief of Oncology for a few years. From 1969 to 1974, he was Janeway's associate physician-in-chief.

"When the concept of divisions began to develop and there were vacancies in division chiefs from time to time, Dr. Janeway would ask me to head up the division until a permanent chief was found," says Berenberg.

"As Berenberg grew in stature as a specialist, Janeway became more dependent upon him," says Nathan. "Bill really ran the clinical services for Charlie Janeway. He was then, and remains today, tremendously respected by the house staff."

The great wellspring for that respect has been Berenberg's facility in teaching, perhaps his most influential gift. And if pressed just a bit, he might even let on that it has been his favorite discipline.



"There are very few things as rewarding as teaching, and I see it as a two-way street," he says. "I find that my students teach me as much as I teach them, and the best way to stay abreast of things is to deal on a continual basis with the very bright minds we have here."

He has maintained those contacts through former positions as president of the medical staff and chairman of the Intern Selection Committee. "My close association with the residents, interns, and nurses has been of great importance to me." In 1980 he was named the third winner of the Charles A. Janeway Award for Excellence in the Teaching of Clinical Pediatrics. The plaque is proudly displayed in Berenberg's office.

The annual alumni banquet in 1982, at the Kennedy Library, honored Berenberg's 40 years of service to Children's. It was a lovely forum for the unveiling of his portrait and for many warm and humorous reflections. One of Berenberg's former interns captured the sentiment of generations of Berenberg students: "I speak for thousands of physicians who have benefited from the clinical skill, the wisdom, the judgment, and the humanity of Bill Berenberg. He is truly the complete physician and a role model that most of us can only hope to emulate," said Alan Goldbloom, M.D., whose father also trained under Berenberg.

So the clinician, researcher, and teacher is now honored with the William Berenberg Professorship in General Pediatrics. For the namesake of the chair, there may be no higher recognition. He considers himself first and foremost a general pediatrician.

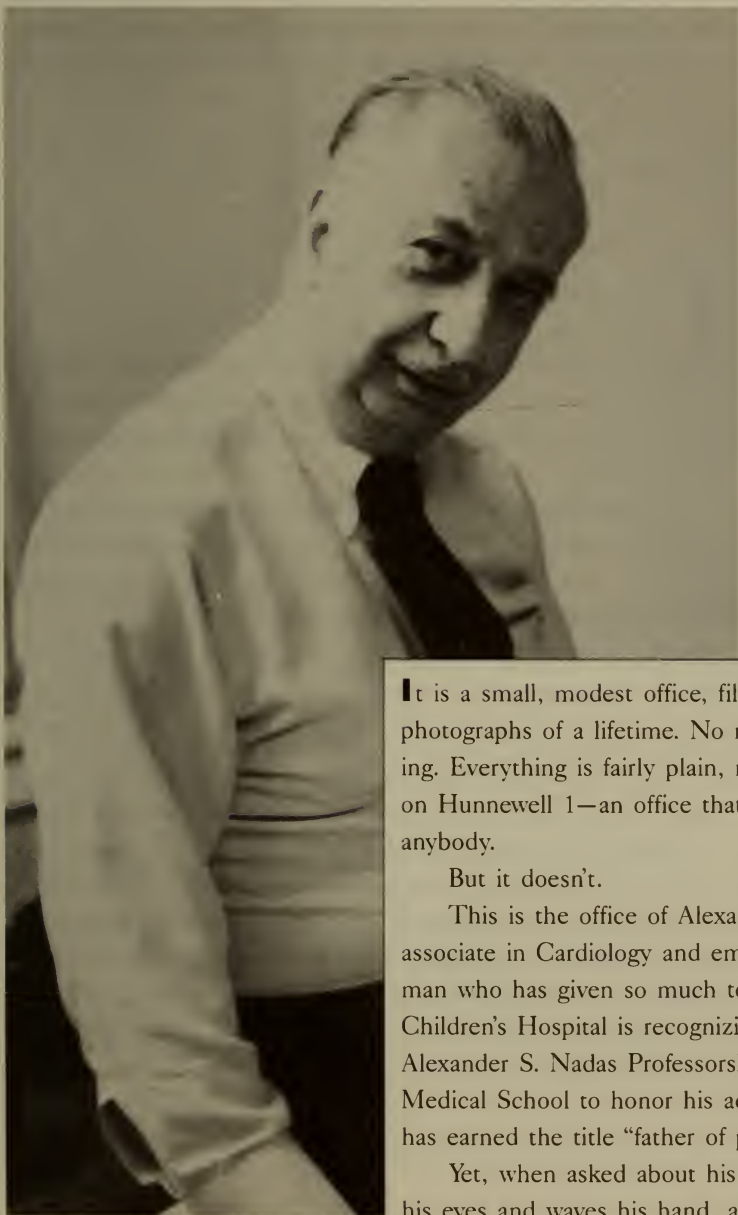
"I think doctors are more knowledgeable today, and that the era of specialization is a very healthy one. But there is a tremendous need for generalists. Looking to the future, I see the pendulum swinging back to recognize that fact."

In 1974, Bill Berenberg described Janeway in these words: "Almost invariably, he's had the vision, the wisdom to look to the future and see where needs would be, and then be ready to meet them before they were recognized as important."

Today, similar words have been used to describe Berenberg. A complete physician, perhaps he has come full circle, beginning as a generalist, breaking ground as a specialist, and all the while seeing and meeting needs as they arose.

"Unfortunately, I don't know whether we're going to see another Bill Berenberg," says Nathan. "He is certainly a rarity; he knows so very much about pediatrics."

Barefoot boy from Budapest to renowned cardiologist



"I moved my family to Wellesley and set out to build a cardiology program at Children's"

— Alexander S. Nadas, M.D.

It is a small, modest office, filled with the papers, books, and photographs of a lifetime. No rich, dark paneling; no thick carpeting. Everything is fairly plain, relatively simple. It's just an office on Hunnewell 1—an office that could belong to just about anybody.

But it doesn't.

This is the office of Alexander Sandor Nadas, M.D., senior associate in Cardiology and emeritus cardiologist-in-chief. He is a man who has given so much to the field of medicine that Children's Hospital is recognizing him by establishing the Alexander S. Nadas Professorship in Cardiology at the Harvard Medical School to honor his achievements. He is a physician who has earned the title "father of pediatric cardiology."

Yet, when asked about his contributions to the field, he rolls his eyes and waves his hand, as if brushing away this distinction.



"People just naturally respond to Alex. He is incredibly warm, but he is also entertaining; he's a performer."

— Donald Fyler, M.D.

"This is something that I don't know," he says, his accent revealing his Hungarian heritage. "If you look at the way medicine has developed, you will see that it was time for pediatric cardiology to come into its own. It was going to happen. Maybe I played a part; it is nice to think so, but maybe it would have happened anyway. It was time, as I said."

Alexander Nadas emigrated from Budapest, Hungary, landing on Ellis Island in New York Harbor in 1939. With his newly acquired medical degree from the Budapest Medical School, he set out to begin a life in the United States and enter the field of cardiology.

"I wanted to go into cardiology; you could say I had the cardiology bug," he says. "But coming from a Central European medical school, I found I couldn't get a decent academic assignment in the field. But I was lucky and eventually I got an internship in pediatrics at Children's."

From 1942 to 1943, Nadas served as an assistant resident at Children's, spending much time studying the effect of rheumatic fever on the heart.

In his book, *The Children's Hospital of Boston: "Built Better Than They Knew,"* author Clement A. Smith, M.D., recalls Nadas, the young, confident member of the house staff.

Smith describes Nadas as: "a tired assistant resident, standing late on a hot and busy 1942 night on Infants' Upper, surrounded by his charges, all of them at last asleep. Asked, 'How do you feel?' he replied, 'Like God.' "

The confidence, ambition, intelligence, and determination Nadas demonstrated as a resident impressed many Children's staff physicians, including Charles A. Janeway, M.D., who later proved to be especially important to Nadas' career.

After his residency at Children's, Nadas traveled to Detroit to serve as chief resident at Children's Hospital in Michigan. There, he also earned a second medical degree, this one from Wayne University Medical School. In 1945, he returned to Massachusetts, where he set up a private pediatrics practice in Greenfield, a small town in the western part of the state.

Meanwhile, back in Boston at Children's Hospital, Janeway had been appointed physician-in-chief, and was beginning to identify and establish the pediatric subspecialties that would become a hallmark of his tenure.

"Dr. Janeway was a visionary," says David G. Nathan, M.D.,

current physician-in-chief at Children's. "He had a gift for going out and finding the best and brightest general pediatricians. Then he would bring these people to Children's to develop a particular field."

In 1938, Children's cardiac surgeon Robert Gross, M.D., had performed the first procedure to correct a congenital heart defect. Accurate and timely diagnosis of patients with certain congenital heart defects had become a way to save lives. Janeway understood that pediatric cardiologists were needed to make such diagnoses.

"Dr. Janeway began looking for someone who could take this field and make it grow," Nathan says. "He knew about Alex Nadas out in Greenfield. He knew that Nadas had been an outstanding assistant resident at Children's several years earlier. He knew that Nadas came to grand rounds and asked good questions. More important, Janeway knew that Nadas was interested in cardiology."

In January 1949, Janeway approached Nadas about coming to Children's to develop a cardiology program.

"When Dr. Janeway asked me to come to work at Children's, I was happy and flattered, of course, but I was also sensible; I didn't want to burn all my bridges just in case this didn't work out," Nadas says. "It was somewhat risky, and I had a wife and family to think about. But, it was a chance to move into cardiology. So I left my family in Greenfield, and each Monday morning I would drive the 100 miles to Boston, return home Wednesday for the evening, and then go back to Boston and return Friday for the weekend."

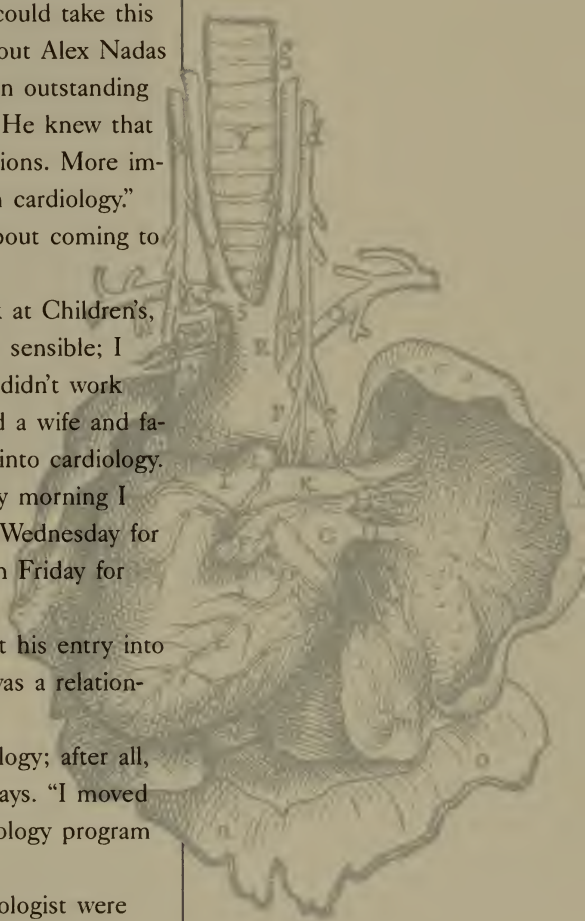
By the fall of 1949, Nadas says he realized that his entry into the new field of pediatric cardiology at Children's was a relationship worth cultivating.

"I declared myself an expert in pediatric cardiology; after all, an expert is just someone who says he is," Nadas says. "I moved my family to Wellesley and set out to build a cardiology program at Children's."

In 1949, the main diagnostic tools of the cardiologist were the stethoscope, the X-ray, and common sense. There was very little electrocardiography and no pediatric cardiac catheterization. Each decade, however, was to bring new, improved techniques and procedures to Children's and to the specialty.

During the 1950s, Nadas devoted himself to recording, studying, and interpreting data from electrocardiograms. Also in the 1950s, he established the first cardiac catheterization unit at Children's, further strengthening the relationship between Radiology and Cardiology.

In the 1960s, a cardiac pathology laboratory was set up to



study the morphology of congenital heart disease. Infant cardiac surgery grew during this period, and more and younger babies underwent surgery successfully. Cardiovascular surgery and cardiology became even more interdependent.

The 1970s proved to be the era of ultrasound, and echocardiography came of age. During this period, cardiovascular surgeons also began to use deep hypothermia techniques, which brought the blood flow to a virtual halt, allowing delicate surgery to be performed on the nonbeating heart with less risk of brain damage.

Until the 1980s, the role of the cardiologist was primarily that of a diagnostician. In the past five years, however, cardiology has reached far into the therapeutic arena. Cardiac catheterization has meant that some heart malformations today can be treated without major surgery.

As cardiology evolved, Nadas chronicled information he collected about children and heart disease, and in 1957, he published *Pediatric Cardiology*, the first textbook on this subject. The second edition of the book was published in 1963. Donald Fyler, M.D., associate chief of Cardiology, co-authored the third edition in 1972, which is still in use today. A fourth edition currently is being planned by 15 members of Children's Department of Cardiology.

"I like to think of the first two editions as solos," Nadas says. "Then the third edition was a duet. The fourth edition will be a whole orchestra."

Fyler refers to his co-author and colleague as "determined, ambitious, fatherly, dictatorial—and you can underline dictatorial—and one of the most thoughtful people I have ever known."

He tells of the time when the Department of Cardiology commissioned a portrait of Nadas. "We needed \$10,000 for this portrait. The call went out, and the money came in—instantly. It was not a case of one person contributing a big chunk of money. The largest contribution was perhaps \$300. So many people wanted to give. People just lined up to donate money."

That portrait hangs in the hall on the third floor of the Hunnewell Building.

"People just naturally respond to Alex," Fyler says. "He is incredibly warm, but he is also entertaining; he's a performer. I've been to lectures where the audience is tired and bored, and then Alex will get up to speak and the place comes alive. He's invited all over the world to teach. He was the person asked to sum up the state of the specialty at the World Congress of Pediatric Cardiology."



Today, more than 150 pediatric cardiologists, many who direct large departments at major medical centers around the world, have trained under Nadas. Each month, the names of his trainees appear on articles in major pediatric and cardiology journals.

Nadas has seen his specialty at Children's grow from a staff of one physician and a part-time secretary in 1949 to a department of more than 75 professionals and a support staff of nearly 100 in 1988.

He remained at the helm of Cardiology as it evolved into a separate division in 1966 and then into its own department in 1969. In 1982, Nadas stepped down as chief. His successor is Bernardo Nadal-Ginard, M.D., who brought to the department a new emphasis — cell biology.

"Alexander Nadas brought clinical pediatric cardiology to maturity," Nadal says. "He classified the diseases so the physiology of each could be understood. Nadas paid attention to the course of disease, and he recognized that often it is not the defect, but the secondary problems that kill the patient. He

paved the way for the advances we are making today."

Nadas had a vision of where pediatric cardiology could go, and how it should get there. He brought his vision to fruition yet remains enthusiastic about the possibilities, Nadal says.

"I would be satisfied to move the field of cardiology forward half as much as Dr. Nadas has," Nadal says. "I feel extremely fortunate to have both his wisdom and presence in this department. And I feel fortunate not only to have him as my predecessor and colleague, but also to count him among my very good friends."

Patty O'Hara, nurse manager on 6 East, the Cardiology/Cardiac Surgery Unit, calls Nadas an "exemplar."

"He sets an example of excellence, and he expects the people around him to do their very best," she says. "He's an exemplar as a caring and loving physician. He's extremely warm and sensitive to his patients and their families. Often families will wait to hear the final word from Dr. Nadas."

O'Hara says that she is proud to be among the group of people who have learned from Nadas. "He established the field; he truly is the father of pediatric cardiology," she says. "To start anything, there has to be a nucleus, and then there has to be energy to make it work. Dr. Nadas was that nucleus, and he poured in the huge amount of energy necessary to bring the field to the point it is at today."

Colleagues describe Alexander Nadas as a "devout family man." One wall of his office displays framed family photos arranged diagonally, like stair steps. On his desk is a photograph of his wife.

He is described as a "multilingual, cultivated gentleman" (although one colleague reveals that Nadas' daughter calls him "the barefoot boy from Hungary who went to U-Boo"). Framed prints of sculptures hang on walls near his desk.

"I like music—classical, not that rock," Nadas says. "And I like to read." The bestseller *Presumed Innocent* by Scott Turow sits in his in-box. "My father was a newspaperman. Everyday, I read *The Boston Globe* and *The New York Times*. I also read *The New Yorker*. I don't read the *Wall Street Journal*—only when I am at the dentist's office. I have no need to read that."

Nadas walks over to the couch, opens a book, and produces a clip from a recent *Wall Street Journal*. It is about an investor who filed for bankruptcy because of the decline of the stock market and the failure of his business ventures.

"See, I never want to get like this," he says. Then, realizing the clip is from the *Wall Street Journal*, he looks up from the paper and smiles.

"By the way, I went to the dentist yesterday."



1987 ACTIVITIES
AND
ACCOMPLISHMENTS

Watch Us Go!

*Senator
Edward M. Kennedy*



*Boston Mayor
Raymond L. Flynn*

The new patient care building is inaugurated

There was a sense of anticipation throughout the hospital this year as the completion of the new patient care facility became a reality. The building is finished, and the patients are settling into the new Children's Hospital.

As the construction came to an end this past fall, a number of celebrations were held from October through December to honor and thank everyone who made the dream of the new building come true.

The highlight of the season was Dedication Day. Guests came from throughout New England and around the country. Hospital staff, patients and their families, national and local politicians, hospital presidents, referring physicians, medical alumni, and veteran employees were all there to take part in the historic event.

More than 600 guests filled the new turnaround, temporarily enclosed and freshly decorated with hanging vines, flowers, and banners. The audience was treated to a multi-image slide show about the new hospital, set to the song "This is Dedicated to the One I Love."

Senator Edward M. Kennedy was the featured speaker and was joined by Boston Mayor Raymond L. Flynn; S. James Adelstein, dean of academic programs, Harvard Medical School; Deborah Prothrow-Stith, Massachusetts commissioner of Public Health; Betsy Anderson, a member of Children's Parents' Advisory Committee; David I. Kosowsky, Sc.D., chairman of the Board of Trustees; David G. Nathan, physician-in-chief; and President David S. Weiner.

Under an arch of pink and blue balloons, two young patients, Julie McCarrick and Alvaro "Junior" Saraiva, cut the satin ribbon, officially opening Children's new hospital.

Following the ceremony, the guests were invited inside for a reception that featured guided tours of the building. The Winter Garden, its trees covered with twinkling white lights; the new Main Lobby, filled with flowers and brightly colored banners; and the spacious floors in the new building were greeted with expressions of delight from the guests.

While Dedication Day was a truly memorable event, it was Employee Celebration Day that attracted the largest and most animated crowd to welcome the new hospital.



Left: Julie McCarrick guides her bunch of balloons through the doorway on Dedication Day; Above: Four long-time hospital employees slice into the hospital cake; Below: Deborah Prothrow-Stith, Massachusetts commissioner of Public Health, congratulates the hospital family during the Dedication Day program.





The day opened with a balloon launch from the turnaround. The new Main Lobby became the scene of jugglers, face painters, singers, dancers, and an international food buffet. More than 2,500 employees enjoyed the new building.

The audience heard remarks from John LaWare, vice chairman of the Board of Trustees; Alexander S. Nadas, senior associate in Cardiology and cardiologist-in-chief emeritus; Antoinette Valenza, assistant treasurer and director of investments, trusts, and estates; and David S. Weiner, president. Each speaker thanked the employees for their contributions to the success of the new facility. Nadas and Valenza also spoke about the history of Children's and the changes they have witnessed throughout their many years at the hospital.

There were other receptions throughout the fall to honor major donors to The Children's Campaign. The hospital also welcomed referring physicians and the EMTs who transport young-

Employees pick up booklets, buttons, and bumper stickers before touring the new facility on Employee Day.

sters to Children's. The community was invited to an open house for entertainment, food, and tours, and a luncheon and tour, moderated by Frederick H. Lovejoy Jr., M.D., associate physician-in-chief, and M. Judah Folkman, M.D., director of Surgical Research Laboratories, were offered to members of the medical media.

The Children's Hospital League Board was invited to spend a special hour in the new Patient Entertainment Center with the patients, where the audience was entertained by a juggler, a singer, and members of the Nutcracker Players cast.

Later that day, in thanks for their generous support, all League members were invited to a formal tea in the new Main Lobby.

Members of the Board of Trustees and the Board of Overseers attended the annual tour and briefing in the new Main Lobby. Senior medical staff, trustees, administrators, and medical alumni attended a dinner and speaking program in the ballroom at Longwood Towers in honor of the new hospital's opening.

The staff of WBZ Radio and WBZ-TV and the executives of the Westinghouse Broadcasting Corporation were honored at a reception for their seven years of effort supporting the WBZ-Children's Hospital Fund. The ninth floor of the new building was dedicated to WBZ Radio, WBZ-TV, and their listeners and viewers in recognition of the success of the annual fund drive.

Each event was unique, but all the celebrations had just one

goal—to welcome the new Children's Hospital and to thank everyone who made it possible.

Thousands of people saw the new facility in those few months. Visitors were impressed by the space, the light, the colors—recognizing that the new building will be an outstanding environment in which hospital staff can continue to provide excellent care for all the youngsters who come to Children's.

STRIDES IN PATIENT CARE



Stereotactic radiosurgery proves successful as treatment for some abnormal blood clusters in the brain.

Stereotactic radiosurgery

A group effort by four Longwood Medical Area institutions (Children's, Brigham and Women's Hospital, the Dana-Farber Cancer Institute, and the Joint Center for Radiation Therapy) designed a successful method to treat individuals suffering from a rare brain disorder.

An arteriovenous malformation (AVM) is a cluster of abnormal blood vessels in the brain. AVMs often lie dormant and undetected until they bleed. The bleeding is signaled by an excruciating headache, a convulsion, paralysis, or sudden death.

AVMs are conventionally treated by neurosurgery, a procedure that lasts about eight to 10 hours and involves considerable risk. A new treatment, called stereotactic radiosurgery, involves irradiating the AVM from many points.

Stereotactic radiosurgery has many advantages over neurosurgery: There is no cutting, no blood loss, less anesthesia, no recovery time, no shaving of hair, and less risk. Its primary disadvantage is that it takes one to two years to become effective.

The Longwood Medical Area neurosurgeons and radiation therapy groups designed equipment that uses stereotactic computer-driven technology with a linear accelerator radiation source to focus the radiation very precisely. According to

Throughout 1987, Children's Hospital demonstrated its commitment to advancing the practice of pediatric medicine. Medical and research staff continued to explore new treatments to improve the lives of the hospital's young patients.



Marian Craighill, M.D.

INSTITUTIONAL DEVELOPMENTS

Addition opens to Children's Extended Care Center

The past year saw some exciting changes for Children's Extended Care Center in Groton, Mass. The long-term care facility welcomed a one-story addition to its existing building. The addition houses eight classrooms, a sitting area, rest-room facilities for the handicapped, and a large therapy suite with an examining room.

Peter McL. Black, M.D., neurosurgeon-in-chief, stereotactic radiosurgery shows major promise for treatment of surgically inaccessible blood vessel abnormalities in the brain, and possibly other brain pathology as well.

Cervical Clinic

Children's established the Cervical Clinic this past year after observing a striking increase in a precancerous condition of the cervix among teenage girls. The clinic's goal is to prevent and treat this potentially dangerous condition, called dysplasia. If untreated, dysplasia can lead to cancer of the uterus.

According to Marian Craighill, M.D., M.P.H., assistant in Surgery (Gynecology) and director of the clinic, PAP tests can detect abnormal cervical cells at an early stage. Treatment will vary depending on the stage of the virus.

The Cervical Clinic also offers medical care to girls whose mothers took DES, a drug that can cause cancer of the vagina.

Consumer satisfaction survey results

As part of an ongoing effort to meet the needs of patients, families, and referring physicians, a Consumer Satisfaction Survey was initiated in 1986. Questionnaires were mailed to a sample of patient families and referring physicians in the community. A sample of the general public was also surveyed by telephone.

The consulting firm of Jackson, Jackson, and Wagner, working closely with Children's Hospital staff, developed the survey and collected and analyzed the data.

Results released in early 1987 indicated that the population surveyed has extremely high expectations of the quality of service and care at Children's Hospital.

Overall, respondents indicated a high level of satisfaction with the medical outcomes of patients. They noted, however, that improvements should be made in some of the operational aspects of the institution, such as in time spent waiting for appointments, communication between Children's staff and referring physicians, and family services of the hospital.

Subsequently, action plans were formed by Children's administration and staff to improve the areas cited.

Information Systems improvements

In 1987, the Board of Trustees approved a multi-year plan and substantial budget for the improvement of Children's computer facilities.

In years past, the Information Systems Department primarily orchestrated the financial and administrative information systems with limited applications in the clinical areas. But this will soon change.

Many of Children's computer systems need to be enhanced and many new ones must be created, says David Margulies, M.D., vice president for Information Systems. The impact of the Information Systems Department's plans for new computer applications will affect the entire hospital, particularly the clinical areas.

Equally important to establishing new systems is the need to link all systems throughout the institution to allow their most effective use.

Plans for networking computers distributed around the entire Children's campus were designed to coincide with the installation of a new telephone system, which had been in planning for several years.

New medical director appointed at MEHC

In July, Ronald White, M.D., M.Div., was appointed medical director of the Martha Eliot Health Center (MEHC), a Jamaica Plain neighborhood health care service of The Children's Hospital.

White brings a wealth of experience in internal medicine and community health programs to MEHC. In addition to being a physician, he is an ordained minister and has been affiliated with the First Church of Jamaica Plain since 1982.

Children's turns to Touchtone

Wiring work began in February 1987 for a new telephone system that brought Touchtone and other convenient features to phones throughout the hospital.

Telephone company personnel installed both phone and computer network wires simultaneously, which saved both time and money. The new phone system was operational on Sept. 25.



Ronald White, M.D., M.Div.

Like many hospitals in 1987, Children's confronted an increasing deficit for hospital operations. Many factors contribute to this ongoing problem of increased costs: acuity of patient care at Children's; continuing uncertainty of reimbursement; and Children's commitment to paying fair and competitive wages.

During the past year, the hospital took steps to reduce costs and bring operating expenses into line with patient care revenues. These cuts were achieved by eliminating positions, and closing the Outpatient Pharmacy and the Around the Corner snack bar.

In addition, the Board of Trustees made a special effort to assist in reducing the deficit by voting to allocate the annual pro-

Hospital addresses financial problems

ceeds of the WBZ campaign and the Galleria project to offset losses in patient care operations.

The hospital is also in the process of making organizational and management structure changes to achieve greater operational efficiency.

Medical Center purchases Longwood Towers

In July, the Longwood Corporation, a non-profit real estate subsidiary of the Children's Medical Center, acquired Longwood Towers, the 258-unit apartment complex located near the Longwood Medical Area, for \$22.5 million. This excellent long-term investment comes at a time when the Medical Center must rely more and more upon investment income and endowment to help support major programs in child health care, research, and teaching.

**New
Child Health
Encyclopedia
published**

Boston Children's Hospital



THE NEW

Child Health Encyclo- pedia

The Complete Guide for Parents

The New Child Health Encyclopedia, written by Children's Health Information Department with Frederick H. Lovejoy Jr., M.D., as medical editor, was published in December by Delacorte Press. More than 150 physicians and other health care professionals at the hospital served as consultants for the publication.

The 800-page book offers parents and other child care providers a wide range of up-to-date, useful information about child health issues.

An alphabetical listing and discussion of nearly 300 diseases, symptoms, and health problems comprises more than three-fourths of the book. Information on promoting physical and mental health, finding and using health care, and responding to various emergencies is also contained in the publication.

Five book clubs, including The Book-of-the-Month Club, have included *The New Child Health Encyclopedia* among the selections they offer to their members.

Employee Assistance Program initiated

Children's Employee Assistance Program provides confidential counseling to employees by licensed professionals from Hurst Associates, a firm specializing in employee counseling and assistance programs.

The program, which is coordinated by the Employee Services section of Human Resources, also includes a confidential telephone-based information service called the Guideline. Any Children's employee or family member may access the 24-hour-a-day service.



Gov. Michael Dukakis and Mayor Raymond Flynn attend the groundbreaking for Mission Hill housing project.

Linkage payments help fund Mission Hill project

The hospital participated in a vital community project with the city of Boston in 1987, resulting in a significant contribution to affordable housing for area residents.

Institutions or organizations constructing a facility larger than 100,000 square feet are required to pay a "linkage fee" to help sustain a supply of affordable housing in the city. Children's was successful in directing its \$650,000 payment to support a low-income housing project in Mission Hill. The payment will be used with other linkage fees, community development grants, and state funding for the project.

In-house Employee Health Service begins

A new in-house Employee Health Service was established in October to provide pre-employment screenings, annual TB testing, immunizations, and the care of any work-related illness.

Previously, employee health services were contracted with the Brigham and Women's Hospital.

The new service, located in renovated space in the Fegan basement, offers more accessible and flexible care programs to employees.



Marlene Freeley, M.S., R.N.C., Employee Services manager, checks employee Tom Levine's blood pressure.

RESEARCH HIGHLIGHTS

Researchers at Children's added several landmark discoveries to an already impressive history of pioneering advances in pediatric medicine. Among the exciting breakthroughs:

Louis M. Kunkel, Ph.D., research associate in Genetics, and Eric Hoffman, Ph.D., research fellow in Genetics, identified the protein responsible for Duchenne muscular dystrophy.

Missing muscle protein linked to DMD

A research group headed by Louis M. Kunkel, Ph.D., research associate in Genetics, identified the muscle protein that, when missing, is responsible for Duchenne muscular dystrophy. The absence of the protein, which has been named dystrophin, is the result of a gene defect.

The landmark discovery allows scientists to focus their attention on designing a treatment to replace the protein or finding a way to circumvent its absence in Duchenne patients.

The finding could have ramifications for other types of muscular dystrophy as well as diseases such as cystic fibrosis and amyotrophic lateral sclerosis (Lou Gehrig's disease).

Duchenne, an inherited disease, strikes boys almost exclusively, and confines its victims to wheelchairs usually by the age of 12. Very few Duchenne patients survive beyond their early 20s.



Slight amounts of lead found to affect cognitive development

In April of 1987, Children's researchers released a major study on lead poisoning concluding that even slight amounts of lead harm the body and can affect the cognitive development of young children.

According to David Bellinger, Ph.D., research associate in Neurology, fetuses may be affected by blood lead concentrations well below the 25 micrograms per deciliter established by the Centers

for Disease Control as the highest acceptable levels for children under the age of 6. The study's results also indicate that women contemplating pregnancy ought to be aware of their level of exposure to lead.

Bellinger and his colleagues studied 249 infants and classified them into three prenatal exposure groups based on the amount of lead in their umbilical cord blood. The population was drawn from nearly 12,000 babies born at Brigham and Women's Hospital between 1979 and 1981 and reflected primarily white, middle-income families.

Gene transfer cures shiverer mice

Researchers from Children's collaborated with researchers from the California Institute of Technology to conduct the first successful use of gene transfer to treat a neurological disease. The technique cured mice of a disorder that causes uncontrollable shivering, convulsions, and early death.

The work involved a strain of mouse that has an inherited deficiency of myelin basic protein (MBP), a key ingredient of myelin. This protective substance facilitates conduction of impulses along nerve fibers.

H. David Shine, Ph.D., research assistant in Neuroscience, says that one immediate application of the research is that the method provides investigators with a tool to learn more about the nervous system and the role of MBP in myelin development and in diseases of the nervous system.

Alzheimer's and Down syndrome gene linked

In the course of identifying causes and treatments for pediatric diseases, research findings at Children's often have a significant impact on adult health issues. In 1987, a team led by Rachael Neve, Ph.D., assistant in Genetics, and Rudolph Tanzi, a graduate student at Harvard Medical School, reported a breakthrough in the understanding of a genetic basis for Alzheimer's disease and the occurrence of similar neurologic abnormalities in Down syndrome. The team reported the isolation and location on chromosome 21 of the gene for the precursor of the brain protein called amyloid beta protein, found in the degenerative nerve tissue of Alzheimer patients and adults with Down syndrome.

Alzheimer's disease is a progressive neurodegenerative disorder characterized by gradual loss of memory, reasoning, orientation, and judgment. Down syndrome, the leading clinical cause of mental retardation, is a genetic disorder characterized by the presence of an extra twenty-first chromosome.



Shivering mice are used in gene transfer research.

MEDICAL STAFF NEWS

Berman becomes acting chief of Dermatology

Rita S. Berman, M.D., M.P.H., was appointed acting chief of the Division of Dermatology in July.

Her many professional accomplishments include establishing and directing the Division of Dermatology at the University of Massachusetts Medical Center from 1981 to 1987.

Berman succeeds Arthur Rhodes, M.D., who left Children's after nine years of service to join the Department of Dermatology at Massachusetts General Hospital.

Medical Staff Executive Committee changes leadership

After nearly five years of leading the medical staff governing body, Charles F. Barlow, M.D., neurologist-in-chief, stepped down as chairman of the Medical Staff Executive Committee in December 1986.

The former vice chairman of the committee, Milton H. Alper, M.D., anesthesiologist-in-chief, is the new committee chairman, and Gerald B. Healy, M.D., otolaryngologist-in-chief, became vice chairman.



Alper



Healy

Harmon appointed new chief of Nephrology

William Harmon, M.D., director of the Dialysis Unit, was appointed chief of the Division of Nephrology in March. In this position, he directs the clinical, research, and teaching activities of the division.

Black appointed neurosurgeon-in-chief

Peter McL. Black, M.D., was appointed neurosurgeon-in-chief at both Children's and the Brigham and Women's Hospital in June. He also received an appointment as professor of Neurosurgery at Harvard Medical School.

Black (previously a neurosurgeon at Massachusetts General Hospital) has expertise in both clinical neurosurgery and neurosurgical research. He has been especially active in the treatment of brain tumors and hydrocephalus.

He succeeds Keasley Welch, M.D., who stepped down as neurosurgeon-in-chief at Children's and Brigham and Women's after heading the departments since 1971.

New Blackfan Service chief named

John W. Graef, M.D., associate in Medicine, became chief of the Kenneth D. Blackfan Service for school-age children in January.

As chief of the Blackfan Service, Graef coordinates the medical care of children whose ages range primarily from 4 to 13, and whose diagnoses include respiratory illnesses, gastrointestinal diseases, and various types of infections.

New clinical chief of Gastroenterology and Nutrition appointed

Alan Leichtner, M.D., was named clinical chief of the Division of Gastroenterology and Nutrition in July.

The Combined Program in Pediatric Gastroenterology and Nutrition is a joint effort of Children's, Harvard Medical School, and Massachusetts General Hospital.

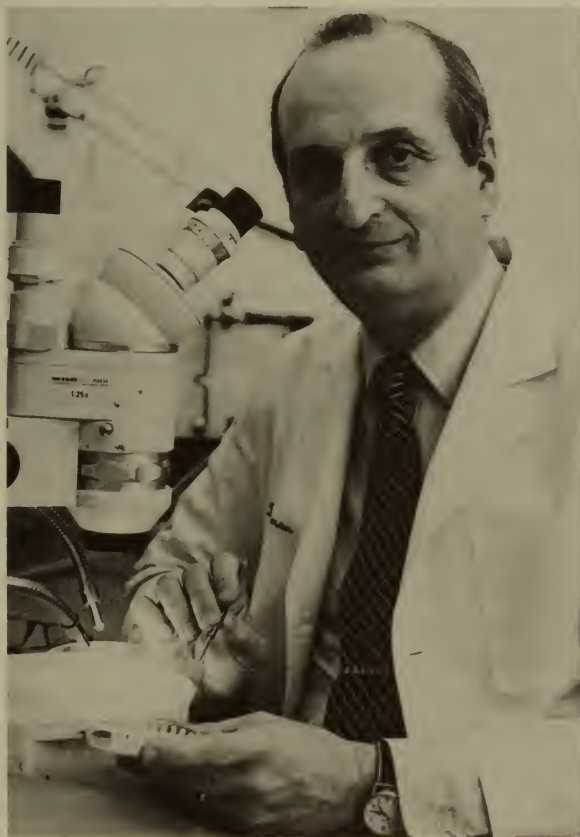
Leichtner's new position is based at Children's to accommodate the needs of hospital patients and the expanding role of the division.

Woolf new MPCS director

Alan D. Woolf, M.D., associate in Medicine, was appointed the director of the Massachusetts Poison Control System (MPCS), based at Children's.

Woolf oversees the center, which provides citizens with information about poisonings 24 hours a day; informs health care providers about toxicological issues, emergency treatment, and follow-up care of overdose patients; trains students and house staff in toxicology; and pursues research on drugs and chemicals.

Frederick H. Lovejoy Jr., M.D., associate physician-in-chief, stepped down as director of the center to assume broader responsibilities in his role as associate physician-in-chief.



Folkman receives Ledlie Prize

M. Judah Folkman, M.D., director of Surgical Research Laboratories, received the George Ledlie Prize from Harvard University in January.

Awarded about every two years to a Harvard faculty member, the prize recognizes Folkman's contributions to science, including his pioneering work on angiogenesis and tumor formation.

M. Judah Folkman, M.D.

In memoriam

Fred Allen, M.D., 75, former senior associate in Hematology and co-director of the Blood Grouping Laboratory at Children's, died on March 12 after a brief illness.

His many noteworthy accomplishments include the development of the technique of exchange transfusion for the treatment of Rh disease and the prenatal management of the sensitized mother. He received five scientific awards for his achievements.

Constantine S. Anast, M.D., 63, director of Endocrine Laboratories and the Clinical Research Center laboratory, died on Sept. 21 after a long illness.

A respected teacher and physician, Anast held an appointment as professor of Pediatrics at Harvard Medical School and as senior associate in Medicine at Children's. He came to Children's in 1979.

Trygve Gunderson, M.D., 84, former ophthalmologist-in-chief at Children's and a distinguished surgeon, died on Feb. 25 after a brief illness.

He held numerous appointments at other area institutions, including the Massachusetts Eye and Ear Infirmary and Massachusetts General Hospital. He was also a lecturer at Harvard Medical School and chairman of Ophthalmology at Boston University Medical Center.

Donald MacCollum, M.D., 78, senior associate in Surgery emeritus, died on Jan. 24 after a brief illness.

He was the first plastic surgeon in the country to limit his practice solely to children, and for many years, was the only plastic surgeon at Children's. MacCollum was especially renowned for his meticulous care of children with cleft lips and cleft palates.

Edward B.D. Neuhauser, M.D., 79, radiologist-in-chief emeritus, died on Sept. 27.

Over his long and distinguished career, Neuhauser helped to pioneer the field of pediatric radiology. In 1958, he was among the founding members and the first president of the Society for Pediatric Radiology.

He was the recipient of many prestigious awards, among them the Jurzykowski Award in Medical Science with Drs. Sidney Farber and Robert Gross for their work in the diagnosis and treatment of tumors.

Neuhauser served as senior consultant to the Department of Radiology and professor emeritus of Radiology at Harvard Medical School until his death.

Black honored at nursing conference

In April, hundreds of nurses gathered at Children's Hospital for a nursing conference honoring Anne S. Black, M.S.N., R.N., who celebrated her 10-year anniversary as the hospital's vice president for Nursing.

Black was recognized for creating a supportive, caring environment that fosters individual responsibility, compassion, and professional advancement in the Department of Nursing.

Margretta Styles, R.N., Ed.D., president of the American Nurses Association, was the featured speaker.



NURSING STAFF NEWS

*Left: Anne S. Black, M.S.N., R.N.
and Margretta Styles, R.N., Ed.D.
Below: Sheri Wozniak, B.S.N., R.N.*



Wozniak wins Cayton Fellowship Award

The 1987 David Cayton Fellowship Award was presented to Sheri Wozniak, B.S.N., R.N., on July 23. Since 1986 she has been a staff nurse on the Bone Marrow Transplantation/Oncology Unit. Wozniak is also a member of the critical care transport team.

The award was established by members of the Cayton family in memory of their son, David, and in honor of the excellent nursing care he received during his hospitalization for leukemia at Children's in 1978.

The annual award is presented to a nurse who demonstrates outstanding performance in transplantation nursing. Recipients use the award to further their nursing education and expertise.

TRUSTEE/ OVERSEER ACTIVITIES

Tour and briefing

This year's tour and briefing took the form of a special reception and tour of the new patient care facility. More than 75 trustees, overseers, and hospital staff members gathered in the new Main Lobby to enjoy hors d'oeuvres, music, and tours of the new facility.

David I. Kosowsky, Sc.D., chairman of the Board of Trustees, and David S. Weiner, hospital president, spoke about how the new building will make the delivery of care more efficient. They also thanked the hospital leadership for the years of planning and effort that made the new building possible.

The group visited the Newborn Intensive Care Unit, the Bone Marrow Transplantation Intensive Care Unit, the ninth floor, and the Cardiology/Cardiac Surgery Unit.



Hospital overseers enjoy tour of new building.

Annual Dinner



1987 Annual Dinner

In memoriam

Children's Hospital Overseer James Jackson, 81, died Oct. 17, 1986. Jackson served the hospital for more than 40 years as an active and generous supporter of the institution. He was an honorary life overseer, a member of the President's Forum, and a former chairman of the Nominating Committee.

An April blizzard welcomed guests to the Museum of Fine Arts for the sixth Children's Hospital Annual Dinner.

The speaking program featured Peggy Anderson, author of the bestselling books, *Nurse* and *Children's Hospital*. Anderson's address, "Children's Hospitals are Special Places," was a heartwarming testimony to the commitment and love she witnessed in people who care for sick children.

The program also featured presentations by Anne S. Black, R.N., M.S.N., vice president for Nursing; Helen B. Spaulding, trustee and honorary chairperson of the Annual Dinner; David I. Kosowsky, Sc.D., chairman of the Board of Trustees; and David S. Weiner, hospital president.

New appointments

At the December 1986 Annual Meeting of the Board of Trustees, the following officers were elected for 1987: David I. Kosowsky, Sc.D., chairman; George H. Kidder, vice chairman; John P. LaWare, vice chairman; William L. Boyan, vice chairman and treasurer; David S. Weiner, president; Jane Lawthers, secretary; and Antoinette Valenza, assistant secretary.

In addition, the board elected Douglas E. Hart to a one-year term as trustee.

As an overseer, Hart has distinguished himself as an active and dedicated member of the hospital family. During his tenure as chairman of the Board of Overseers he has fostered a service-oriented overseer membership by encouraging active overseer participation in hospital affairs. Hart is a partner in the investment management firm of Marsh & Cunningham.

Bess Pappas was elected to the hospital's Board of Overseers. Pappas has contributed many years of service to Children's, and as trustee of the Hellenic Cardiac Fund, she has opened the door to Children's Hospital for critically ill Greek children who need specialized care. For her work, Pappas received the 1985 Humanitarian Award from Children's Volunteer Services Department.

The board also voted to elect three honorary life overseers: William F. Morton; Ephraim Radner; and Anne Warren.

Morton, who died March 27, 1987, was honored posthumously for 35 years of dedicated service to Children's. In 1982, he received the hospital's highest accolade, the Chairman's Award, presented to him for his distinguished leadership.

Radner has been an overseer at Children's since 1974. He served as vice president of The Children's Hospital Medical Center from 1967 to 1977.

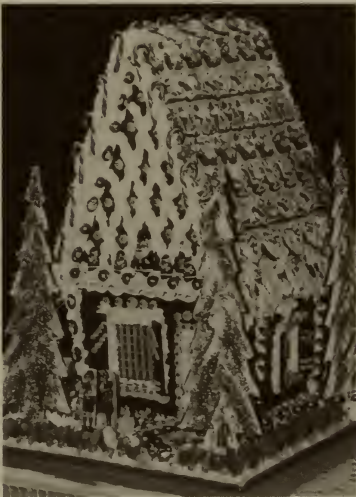
Warren has been a Children's Hospital volunteer best known for her many fund-raising activities, particularly those on behalf of the Yankee Bookstall.

In 1987, the Children's Hospital League pledged a second \$1 million to The Children's Campaign, bringing its total commitment to more than \$2 million. The gift is recognized by a plaque honoring the League in the new Patient Entertainment Center. The League also established a special account with additional funds that were used to furnish and buy equipment for the Patient Entertainment Center in the new facility.

The Entertainment Center, which has been in operation since December 1987, contains an aquarium, audio/visual equipment, an elevated stage, and an electric piano.

The League raises most of its funds through proceeds from its Thrift Shop and the Festival for Children's Hospital. The 1987 Festival, at the World Trade Center in Boston, was again a remarkable success for the League. Months of planning and hard work by League members produced a truly spectacular holiday event.

**League has
another banner
year**



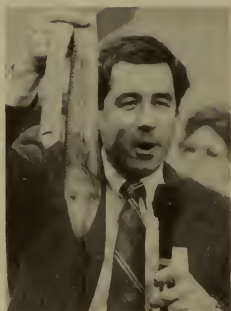
League's Festival for Children's Hospital was a great fund-raising success.





Left: WBZ-TV's Jeanne Blake and Charlie Austin spend telethon night in the new Patient Entertainment Center. Above: Heart transplant patient Chris Allen (second from left) and his family talk with WBZ Radio personality Bruce Stevens (far right) during telethon.

WBZ-Children's Hospital Fund sets record



WBZ Radio's Dave Maynard sells produce at fall Farmstand; WBZ-TV sports anchor Bob Lobel auctions his fish tie during telethon.

Continuing an eight-year tradition of steady growth in both dollars and contributors, the 1987 WBZ-Children's Hospital Fund raised more than \$750,000.

The Farmstand and a perfect fall day in September set the stage for the kickoff of the annual fund-raising drive. Nearly \$36,000 was collected through the sale of produce, flowers, housewares, and baked goods.

WBZ Radio began two weeks of remote broadcasts from Downtown Crossing on Dec. 10. A variety of goods, including vacations and cars, were auctioned off during the holiday broadcasts. WBZ Radio hosted a formal auction at Lafayette Place during which goods donated by local merchants brought in nearly \$5,500.

The three-hour Children's Hospital Telethon, featuring stories of patients, families, and staff, aired Dec. 19 on WBZ-TV and was simulcast on WBZ Radio. More than 100 hospital employees answered phones and recorded pledges during the exciting event. The new Patient Entertainment Center at Children's Hospital served as one of the five telethon remote sites.

Since its inception in 1980, the WBZ-Children's Hospital Fund has raised nearly \$3.7 million. In addition, WBZ has generously given millions of dollars in air time on radio and television to tell the hospital's story.

In appreciation of this extraordinary commitment, the hospital in December hosted a special reception for the staff and management of WBZ. During the event, the ninth floor of the new patient care facility was dedicated to WBZ Radio and WBZ-TV and their audiences in honor of their continued support.



STATISTICAL
AND FINANCIAL
REPORT

Statistics

Patient	1987	1986
Number of licensed beds	339	339
Discharges	13,973	13,794
Patient days	94,669	97,163
Average stay in days	6.78	7.04
Clinic visits	178,780	169,543
Emergency room visits	48,336	46,969
Surgical procedures		
Inpatient	8,066	7,963
Outpatient	3,666	3,631
Total	11,732	11,594
Radiology		
Procedures performed	76,660	76,134
Laboratory tests	967,120	970,028

1987 Percentages

Where Patients
Come From
**Includes the following
Massachusetts areas:
Arlington, Belmont, Boston,
Brookline, Burlington,
Cambridge, Chelsea,
Dedham, Everett,
Lexington, Malden,
Newton, Revere,
Watertown, Wellesley and
Winthrop.*



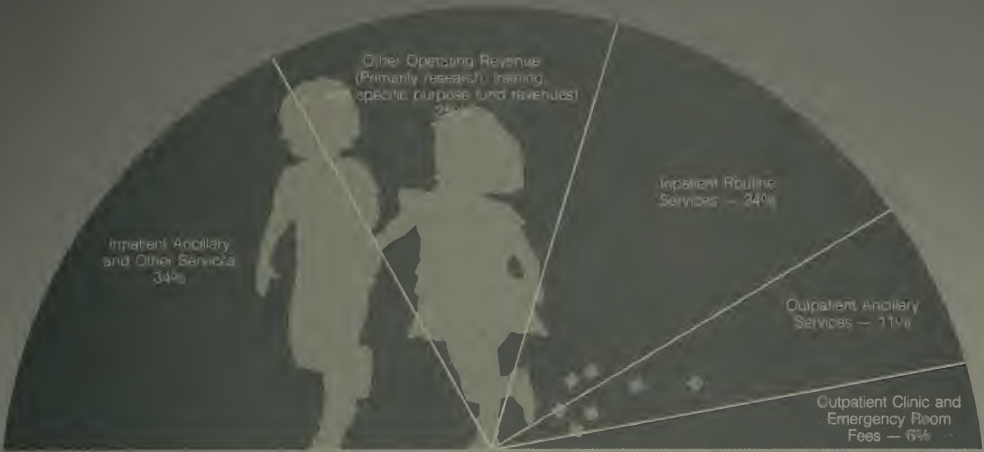
Personnel	1987	1986
Active medical staff	669	560
Active dental staff	16	12
Associated scientific staff	171	159
Courtesy staff	294	294
House staff	483	441
Consultants	116	113
Emeriti	34	34
Clinical assistants	43	41
Visiting staff	20	15
Nursing staff	770	831
Other full-time employees	1,576	1,701
Other part-time employees	494	588
Volunteers	750	780

Statement of Revenues and Expenses:

(In thousands of dollars) Year ended Sept. 30, 1987 and 1986

Statement of Revenues and Expenses	1987	1986
Revenues:		
Gross patient services revenue.....	\$ 167,828	\$ 142,939
Deductions from patient services revenue	(39,235)	(21,602)
Net patient services revenue	128,593	121,337
Other operating revenue	55,720	53,545
Total operating revenues.....	184,313	174,882
Expenses:		
Salaries and wages.....	75,613	69,505
Fringe benefits.....	12,425	12,475
Supplies and expenses	46,172	44,296
Depreciation and amortization	6,901	6,323
Interest	1,183	1,211
Research and training expenses	30,217	30,690
Other specific purpose fund activity	14,818	12,131
Total operating expenses	187,329	176,631
Loss from patient care operations	(\$3,016)	(\$1,749)
Capital additions	\$ 47,678	\$ 35,879

Sources of Revenues



Distribution of Expenses

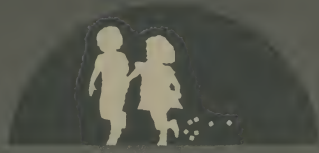


Condensed Balance Sheet:

(In thousands of dollars) Year ended Sept. 30, 1987 and 1986

Assets	1987	1986
General funds:		
Cash	\$ 647	\$ 657
Investments	2,000	2,000
Accounts receivable, net.....	26,990	19,499
Inventories.....	725	595
Prepaid expenses.....	521	392
Total.....	<u>30,883</u>	<u>23,143</u>
Assets held in trust under long-term debt agreements.....	108,176	139,713
Plant, property, and equipment at cost	133,870	93,147
less accumulated depreciation	68,136	44,686
Total.....	<u>341,065</u>	<u>300,689</u>
Restricted funds:		
Accounts receivable	5,168	4,791
Total.....	<u>\$ 346,233</u>	<u>\$ 305,480</u>

Liabilities and Fund Balances	1987	1986
General funds:		
Current:		
Current portion of long-term debt	\$ 756	\$ 703
Accounts payable and accrued expenses.....	34,492	33,840
Due to third party payors.....	20,528	13,816
Total.....	<u>55,776</u>	<u>48,359</u>
Long-term debt, excluding current portion	152,202	148,507
Deferred compensation	5,357	4,668
Deferred third party reimbursement.....	2,265	2,466
Deferred revenue.....	16,100	0
Fund balance	109,365	96,689
Total.....	<u>341,065</u>	<u>300,689</u>
Restricted fund balance:		
Specific purpose funds	5,168	4,791
Total.....	<u>\$ 346,233</u>	<u>\$ 305,480</u>



PEOPLE,
DEPARTMENTS, AND
PROGRAMS

THE BOARD OF TRUSTEES FISCAL YEAR 1987



David I. Kosowsky, Sc.D.
Chairman of the Board



Aldo R. Castaneda, M.D.



Douglas E. Hart



Nancy M. Kaplan



David A. Mittell



David G. Nathan, M.D.



Rudolph F. Pierce



David S. Weiner
President



William W. Bain Jr.



William L. Boyan
Vice Chairman of the Board and Treasurer



George H. Kidder
Vice Chairman of the Board



George H. Labovitz, Ph.D.



John P. LaWare
Vice Chairman of the Board



Helen B. Spaulding



Hon. Joseph L. Tauro

The Children's Hospital acknowledges with great appreciation the magnificent support of all donors during fiscal year 1987 (Oct. 1, 1986 through Sept. 30, 1987). Donors with cumulative giving of \$1,000 or more are recognized on the following pages.

President's Forum

Sol Aisenberg, M.D.
Mr. and Mrs. Paul D. Alizio
Mr. and Mrs. Lyman S. Allen
Barbara C. Alleyne
Mr. and Mrs. Erick R. Anderson
Mr. and Mrs. William G. Anderson
Anonymous Donors (14)
Nancy S. Anthony
Mr. and Mrs. Francis D. Antin
Mr. and Mrs. Joseph Applebaum
Mrs. William Apthorp
Dr. and Mrs. Elisha Atkins
Mary Ellen Avery, M.D.
Mr. and Mrs. Lewis B. Baer
Mr. and Mrs. Bruce M. Bailey
Mr. and Mrs. William W. Bain Jr.
Felicity F. Barber
Betty Bardige
Mr. and Mrs. Henry B. Barg
Mr. and Mrs. B. Devereux Barker Jr.
Dr. and Mrs. Charles F. Barlow
Elwin A. Barnard
Mrs. Maurice C. Barnes
Mr. and Mrs. Frederick E. Barstow
Nelson S. Bartlett Jr.
Mr. and Mrs. George E. Bartol III
Mr. and Mrs. Robert B. M. Barton
Robert B. Barton Jr.
Mrs. John F. Baxter
Mr. and Mrs. George W. Bell II
Harriet F. Benson
Charles D. Bent
Mr. and Mrs. William Bentinck-Smith
Mr. and Mrs. Eliot L. Bernstein
Mrs. Gerard C. Besse Jr.
The Bessette Family
Mr. and Mrs. Edward L. Bigelow Jr.
Carl E. Birch
Mr. and Mrs. Jordan Birger
Mr. and Mrs. J. C. Bischer
Karl N. Bjork
Anne S. Black, M.S.N., R.N.
Mr. and Mrs. Seymour Blum
Joseph H. Boghos
Mr. and Mrs. Harold Bohl
Mr. and Mrs. Denis A. Bovin, and
Michelle
Mark T. Boyer
Mr. and Mrs. John R. Bradfield
Mr. and Mrs. John M. Bradley
Mrs. Ralph Bradley

T. Betty Brazelton, M.D.
William A. Brennan
George Brett
Mr. and Mrs. John G. Briggs
Mr. and Mrs. Shepherd Brooks
Mr. and Mrs. William L. Brown
Zylpha B. Brown
Mr. and Mrs. H. Paul Buckingham
Rev. and Mrs. C. Frederick Buechner
William M. Bulger
Mr. and Mrs. Gael M. Burns
Mr. and Mrs. Allan T. Buros
Charles C. Cabot Jr.
Mr. and Mrs. Paul C. Cabot
Mr. and Mrs. Craig S. Cameron
John E. Cammick
Dante P. Cantalupo
Martha M. Carpenter
Robert J. Carroll
Mr. and Mrs. Raymond A. Carye
Mr. and Mrs. David Casty
Peter Chernis
Mr. and Mrs. Richard H. Churchill Jr.
Mr. and Mrs. Eugene H. Clapp II
James Russell Clarke Jr.
Karen M. Cline
Joan G. Coe
Mr. and Mrs. Maurice M. Cohen
Mr. and Mrs. Philip W. Cohen
Mr. and Mrs. Stephen E. Coit
Mr. and Mrs. Dana Buxton Collings
Mrs. Douglas F. Conrod
Mrs. A. Werk Cook
T. Jefferson Coolidge Jr.
Mr. and Mrs. John L. Cooper
P. Leo Corcoran
Mr. and Mrs. Thomas L. Corr
Mr. and Mrs. Anthony J. Cortese
Mrs. Daniel Coven

Mr. and Mrs. Sidney Covach
Winthrop M. Crane
John F. Crigler Jr., M.D.
Mr. and Mrs. Frederick J. Cronin
Frances P. Crosby
Mr. and Mrs. Warren Cross
Catherine D. Crowley
Holly Cumberland
Mr. and Mrs. Peter D. Cummings
Mr. and Mrs. Philip Cutler
Mr. and Mrs. Sven Dahlquist
Mr. and Mrs. Lawrence B. Damon
Carl E. Dantas
Mr. and Mrs. William J. Dare
Mr. and Mrs. Nelson J. Darling Jr.
Barbara M. Davis
Mr. and Mrs. Leonard Davis
Mr. and Mrs. Frederick J. DeAngelis
Mr. and Mrs. Anthony DiCastro
Mr. and Mrs. Earl W. Dicks
Mr. and Mrs. Fredy A. DiMeco
Mr. and Mrs. Paul J. Divecchio
John P. Dolman Sr.
Mrs. Stuart R. Donnenfeld
Mr. and Mrs. David Drinkwater-Lunn
John P. Driscoll Jr.
William E. Duggan
Mrs. Christopher J. Duncan
Eleanor J. Dufôit
Mary A. Simoneau
Mrs. Osborne Earle
Mr. and Mrs. Harold E. Edgerton
Mr. and Mrs. John J. Egan
Mr. and Mrs. Arnold J. Eisenman
Mr. and Mrs. Frederic J. Elias
Mr. and Mrs. Frank O. Elliott
Mr. and Mrs. Nathan S. Emery
Mr. and Mrs. C. Herbert Emilson
Mr. and Mrs. Frederick L. Ensley



David and Marjorie Estridge
 Mr. and Mrs. William Howard Evans
 Albert P. Everts Jr.
 Mr. and Mrs. Richard M. Ezequelle
 Allan Farber
 Theodora L. and Stanley H. Feldberg
 Dr. and Mrs. Paul R. Feldman
 Dr. and Mrs. Sidney M. Feldman
 Cornelius C. Felton Jr.
 Mr. and Mrs. Joseph H. Fine
 Elaine Jaffe Finegold
 Thomas M. Finneran
 Mr. and Mrs. Robert C. First
 Mr. and Mrs. Frederick T. Fish
 Dr. and Mrs. John H. Fisher
 Mrs. Emil B. Fleischaker
 Mrs. Edward H. Foley
 Lee R. Forker
 Frank H. Foster
 Hugh K. Foster
 Michael Foster
 Douglas Fraiman
 Howard A. Frank, M.D.
 Sally B. Frank
 Michael D. Freed, M.D.
 Mr. and Mrs. Bruce H. Freedman
 Dr. and Mrs. Henry H. Freedman
 Mr. and Mrs. Robert L. V. French
 Peter Frenette
 Mrs. F. Stuart Friend
 Philip and Bernice Frieze
 Mr. and Mrs. Robert G. Fuller
 Donald C. Fyler, M.D.
 Mr. and Mrs. Clarence E. Gagne
 Salustiano Garcia-Diaz
 Mr. and Mrs. R. Hartwell Gardner
 Mr. and Mrs. Byron G. Gayman
 Lee Day Gillespie
 Mrs. Howard F. Gillette
 Charles S. Gleason, M.D.
 Mr. and Mrs. Francis H. Gleason
 Gertrude M. Goff
 Stephen A. Goldberger
 William L. Golden
 Mr. and Mrs. Andrew Goldstein
 Hy Goldstein
 Stanley P. Goldstein
 Mr. and Mrs. James Goodman
 Mrs. Morris Goodman
 Mr. and Mrs. John W. Goodrich
 Albert H. Gordon
 Robert W. Gordon
 Raymond J. Gosselin
 James and Merle Grandberg
 Dr. R. Lee Grantham
 Mr. and Mrs. John T. Grappone
 Mr. and Mrs. Milton B. Gray
 Roland Gray Jr.
 Mr. and Mrs. Theodore F. Green II

Mr. and Mrs. W. D. Greenlaw
 Mr. and Mrs. Stephen J. Griffin
 N. Thorne Griscom, M.D.
 Mr. and Mrs. Harold K. Gross
 Lila Gross, M.D.
 Mr. and Mrs. Joseph B. Grossman
 Mr. and Mrs. Richard J. Hakala
 Mr. and Mrs. William W. Hallenbeck
 George R. Harding Jr.
 Mr. and Mrs. Robert F. Harding
 Henry Hardy Jr.
 G. B. Clifton Harris, M.D.
 Michael A. Harris

Mrs. Charles A. Janeway
 Mrs. Thomas E. Jansen Jr.
 Evelyn M. Jenks
 Mr. and Mrs. Pliny Jewell Jr.
 Mrs. Charles L. Johnson
 Edward C. Johnson 3rd
 Mr. and Mrs. T. O. Johnson
 F. Curtis Johnston
 Elizabeth H. Jones
 Mrs. Gordon B. Jones
 Mrs. William E. Jones
 Mrs. Gerald R. Jordan Jr.
 George E. Kalem



Nancy Harris
 Mr. and Mrs. Douglas E. Hart
 Elizabeth W. Hatfield
 Robert M. Herron
 William C. S. Hicks
 Mrs. Converse Hill
 Betsy Broude Hochberg
 Mr. and Mrs. Gordon B. Hoffstein
 Daniel E. Hogan Jr.
 Grace L. Holland
 Marion A. Holland
 Charles and Judy Hood
 Mrs. Harvey P. Hood
 Louise P. Hook
 Gertrude Hooper
 Mr. and Mrs. Michael J. Horvitz
 Mrs. Charles F. Hovey
 Mrs. Guerard H. Howkins Jr.
 Florence E. Howland
 Austin I. Hubbard
 Mr. and Mrs. Lawrence K. Ingber
 Mr. and Mrs. R. Blake Ireland Jr.
 Mrs. James Jackson Jr.
 The James Jackson Jr. Family and
 Friends
 Ilene and Richard Jacobs
 Elmer T. Jaffe, M.D.
 Mr. and Mrs. Robert L. Jaffe

Dr. and Mrs. Richard M. Kane
 Mr. and Mrs. Albert J. Kaneb
 Mr. and Mrs. Fred Kantrowitz
 Mr. and Mrs. David M. Kaplan
 Herbert Kaplan
 Jeremy A. Kapstein
 Mr. and Mrs. Nicholas Kardasis
 Mr. and Mrs. Stephen R. Karp and
 Douglass and Jana
 Mr. and Mrs. Michael M. Kassen
 Sheridan Kassirer
 Mr. and Mrs. Abraham A. Katz
 Robert D. Keefe
 Mr. and Mrs. George H. Kidder
 Mrs. John C. Kiley Jr.
 Douglas A. King
 John A. Kirkpatrick Jr., M.D.
 Cornelia T. Klein
 Charles R. Kleinsmith
 Mr. and Mrs. Carleton Knight Jr.
 Charles E. Knopf Jr.
 John J. Kontanis
 David I. Kosowsky, Sc.D.
 Mr. and Mrs. Robert K. Kraft
 Judith and Douglas Krupp
 Mr. and Mrs. Kenneth H. Kudisch

Thomas J. Kulik, M.D.
 Dr. and Mrs. George H. Labovitz
 Dr. and Mrs. Edwin H. Land
 Peter Lang, M.D.
 Mrs. Albert Lappin
 John P. LaWare
 Merloyd Lawrence
 Mr. and Mrs. David Lazarus
 Thomas H. Lee
 Mr. and Mrs. Edward J. Lefavor
 Mr. and Mrs. William F. Leisman III
 Carl P. Leubsdorf
 Adam M. Levin
 Rose Winer Levin
 Alan Leviton, M.D.
 Mrs. George Lewis Sr.
 Rolliston W. Linscott Jr.
 Mr. and Mrs. Stephen Little
 Robert Livermore Jr.
 Jamie Logan
 Mr. and Mrs. Joseph P. Lombard
 Mr. and Mrs. G. Prescott Low
 Ronald T. Lyman Jr.
 Mr. and Mrs. Christopher W. Lynch
 Elizabeth Lyons
 Mr. and Mrs. J. Peter Lyons
 Williamina V. MacBrayne
 Robert W. B. MacPherson
 Mr. and Mrs. Robert M. Maloney Jr.
 Mrs. John A. Mann
 Mr. and Mrs. Gerard M. Martin
 Mr. and Mrs. John C. Martini
 Wendy S. Masi, M.D.
 Mrs. Leo Mayer
 Claire F. McCarthy, M.S., P.T.
 Edward J. McCormack Jr.
 Gail F. McCoy
 William F. McDermott Jr.
 William R. McEwen Jr.
 James H. McLaughlin
 Mrs. David S. McLellan

Mr. and Mrs. John McNaught Jr.
 Joseph C. McNay
 Mr. and Mrs. Arthur H. Meehan Jr.
 Mr. and Mrs. Ittiera D. Menachery
 Mr. and Mrs. Paul A. Merola
 Wesley A. Miller
 Michael B. Millis, M.D.
 Mrs. A. Slade Mills Jr.
 Mr. and Mrs. Everett E. Mink
 Mr. and Mrs. Adolf F. Monosson
 Rosalis Montgomery
 J. David Moran
 John A. Morrill
 Steven Morse
 Mr. and Mrs. Sherman Morss
 Mr. and Mrs. William B. Moses Jr.
 Sharon Beth Mosse
 Mr. and Mrs. Pasquale A. Mucci
 Mr. and Mrs. Patrick G. Murphy
 Mr. and Mrs. Samuel W. Murphy Jr.
 Thomas M. Murray
 Elizabeth L. Myers
 Bernardo Nadal-Ginard, M.D.
 Dr. and Mrs. Alexander S. Nadas
 Dr. and Mrs. David G. Nathan
 Mr. and Mrs. John J. Nealon
 Mrs. Edward B. D. Neuhauser
 Steven M. Nevins
 Mrs. John W. Newton
 Pauline M. Nickerson
 Dr. and Mrs. Demitrios Nicolaides
 David M. Niconchuk
 Patricia Niconchuk
 William Niconchuk
 Mr. and Mrs. Bradley P. Noyes
 Joseph O'Connor
 Mr. and Mrs. Michael D. O'Keefe
 Thomas P. O'Neill Jr.
 Laszlo Ormandy, M.D.
 Robert V. Osman
 Mr. and Mrs. Timothy Paige

Daniel I. Palant, M.D.
 Winifred B. Parker, M.D.
 Dr. and Mrs. Julian L. Pearlman
 Mr. and Mrs. Richard D. Pedone
 Sheila Lloyd Pellegrini
 Gabriele P. Pendleton
 Ann M. Pescione
 Christine Philipopoulos
 George W. Phillips
 Mr. and Mrs. Ervin Pietz
 Mrs. Paul Pigors
 Dorothy A. Pike
 Leo Pistorino
 Mrs. Theodore R. Porosky
 Mr. and Mrs. Howard Posin
 Mr. and Mrs. Joseph W. Potter Jr.
 Mattina R. Proctor
 Mr. and Mrs. Daniel J. Quirk
 Norman S. Rabb
 Mr. Edward S. Redstone
 Sumner M. Redstone
 Mr. and Mrs. David C. Reed
 Louise J. Reilly
 Mr. and Mrs. George C. Reisman
 Mr. and Mrs. David F. Remington
 Robert E. Remis
 Mr. and Mrs. Jon W. Renell
 Margaret A. Revere
 Thomas L. Rhodes
 Mr. and Mrs. Henry J. Riblet
 Helen L. Ripley
 Richard M. Robb, M.D.
 George L. Roberts
 Philip S. Robertson
 Mrs. Ellery W. Rogers
 Mr. and Mrs. Daniel J. Roggemann
 Jorge Stella Royo
 Anne C. Rubenstein
 Mr. and Mrs. Gary K. Rubin
 Mr. and Mrs. Richard H. Rubin
 Mr. and Mrs. Henry E. Russell
 Mr. and Mrs. Richard Rzedzian
 Susan Saltonstall
 Mr. and Mrs. Albert J. Sandler
 Mr. and Mrs. Roger A. Saunders
 Ruth Savel
 Emily Schabacker
 Aaron Schecter
 Mr. and Mrs. Arthur R. Schliesman
 Mr. and Mrs. Leonard Schneidman
 Mrs. Richard K. Schroeder
 Mary E. Seitz
 Dr. and Mrs. Steven K. Shama
 Mr. and Mrs. Josiah Shamroth
 Eli Shapiro
 Frederic D. Shapiro, M.D.
 Joseph M. Shapiro
 Mrs. Richard Sheer



Mrs. George Sherman
 Heidi Lechner Sherman
 Stanley Shtrishkiss
 Mr. and Mrs. Sidney Shuman
 Mr. and Mrs. Robert W. Sides
 Robert A. Simeone
 Robert Simonds
 Suzanne F. Sinaiko
 Mrs. Donald B. Sinclair
 Dr. and Mrs. Robert M. Smith
 Mr. and Mrs. Walter Smith Jr.
 Mr. and Mrs. Arnold M. Soloway
 Mr. and Mrs. Richard A. Sordillo
 Helen B. Spaulding
 Mr. and Mrs. Michael J. Spinelli
 Mr. and Mrs. John K. Spring
 Patricia and David Squire
 Mrs. Robert Starr
 Campbell Steward
 Mrs. Gilbert L. Steward
 Mrs. Malcolm C. Stewart
 Elizabeth B. Storer
 M. Greely Summers
 Paul L. Swartz
 Mrs. Lawrence A. Sykes
 Mr. and Mrs. Barry A. Sylvestsky
 Thomas F. Symmons
 Samuel A. Tamposi Jr.
 Mr. and Mrs. John F. Taplin
 Mr. and Mrs. Joseph S. Taranto
 Mrs. Charles L. Taylor
 Pauline Taylor
 Frank A. Thomas
 Thomas E. Tierney
 May Christina Toon
 Pauline T. Torregrossa
 Evariste Turcotte
 Mrs. Richard Vancil
 Mr. and Mrs. George A. Vanderheiden
 Dr. and Mrs. Gordon F. Vawter
 Lucien F. Veilleux
 Mr. and Mrs. Edward F. Vena
 Michael von Clemm, Ph.D.
 Mr. and Mrs. Charles P. Waite
 Mrs. Jacob Wallace
 Michael R. Walsh
 Mrs. Kenneth W. Warren
 Ilene K. Weinberg
 Mr. and Mrs. David S. Weiner
 Leonard R. Weiner, M.D.
 Carol Weinrib
 Mr. and Mrs. Aaron Weinstein
 Mary Dana Wells

Mr. and Mrs. Charles M. Werly
 Barbara West
 Carl A. C. Weyerhaeuser
 Mrs. Henry Wheeler Jr.
 Mr. and Mrs. Wayne K. Whipple
 Robert E. White, M.D.
 Mr. and Mrs. Thomas J. White
 Mr. and Mrs. George W. B. Whiting
 Mr. and Mrs. Wayne Whitman
 Mrs. Thomas H. P. Whitney Jr.
 Hilda O. Wiener
 Dorothy Wilson, M.D.
 Elizabeth H. Wilson
 Mrs. John J. Wilson
 Dr. and Mrs. Larry J. Wilson
 Mary A. Winslow
 Matthew B. Winthrop
 Mary Ellen B. Wohl, M.D.
 Mr. and Mrs. William W. Wolbach
 Robert Lee Wolff Jr.
 Madeline C. Wong
 Ruth Crary Young
 Mr. and Mrs. Alan Zaff
 Stanley S. Zelermyer
 Mr. and Mrs. Michael M. Zuker

Belmont Hill School, Inc.
 Benson Enterprises, Inc.
 Berkshire Hathaway, Inc.
 Boston Celtics Limited Partnership
 The Boston Company,
 Boston Safe Deposit and Trust
 Company
 Boston Edison Foundation
 The Boston Globe Foundation Inc.
 Boston Sand & Gravel Co.
 Boyle Associates, Inc.
 Brandano's Restaurant
 Branded Liquors, Inc.
 Brewster Wallcovering Co.
 Caldor, Inc.
 Cape Cod Aggregates Co.
 Cape Cod/Cricket Lane, Inc.
 The Chase Manhattan Corporation,
 Interactive Data Corporation
 Churchill Linen Service Inc.
 Cliflex Bellows Corporation
 Colonial Realty Associates
 Compugraphic Corporation
 Concrete Foundations, Inc.
 Coopers & Lybrand



Corporations

Abbott Laboratories
 The Acushnet Foundation
 Advanced Development Corporation
 Alta Group Newspapers, Inc.
 Amoskeag Company
 Anderson Electrical Contractors, Inc.
 Anonymous (1)
 Arabian American Oil Company
 Ashmont Supply Company of
 Roslindale, Inc.
 Bain & Company, Inc.
 Bank of Boston
 Bank of New England
 BayBanks, Inc.

Copley Real Estate Advisors, Inc.
 Co-Ri Company Inc.
 Crystal Lunch Inc.
 CSI Resource Systems, Inc.
 Curry Hardware, Inc.
 J.D. Daddario Co., Inc.
 G.F. Dalton & Sons, Inc.
 Damon Corporation
 D'Angelo, Inc.
 Daniels Tobacco Company
 Davison Construction Co. Inc.
 Demoulas Foundation

Denison Laboratories, Inc.
 Des Roche Electric Inc.
 Digital Equipment Corporation
 Dynatech Corporation
 Eastern Gas & Fuel Associates
 Eastern Refractories Co., Inc.
 A.P. Endriunas Excavating Contractors
 Erie Scientific/Sybron Corp.
 Exeter Foods Inc.
 B. Feneno Company, Inc.
 The Fidelity Foundations
 Filene's
 Filene's Basement
 First Mutual of Boston
 The Flatley Company
 Fredericks and Gerardi Insurance
 Agency, Inc.
 Sara Fredericks Salon Shops, Inc.
 General Cinema Corporation and
 The Neiman-Marcus Group
 The Gillette Company
 W.R. Grace & Company
 E.A. Gralia Construction Company
 Greene Construction Co., Inc.
 GTE Products Corporation
 Hallamore Motor Transportation, Inc.
 HBM/Creamer, Inc.
 The Henley Group
 Hill Plastering Inc.
 The Hitchcock Chair Company
 Houghton Mifflin Company
 Howard Johnson Franchise Systems,
 Inc.
 Industrial Blast Coil Corporation
 International Business Machines
 International Paper Company
 John Hancock Mutual Life Insurance
 Company
 Johnson & Johnson Baby Products
 Company
 The Jordan Marsh Company
 Kendall Company
 Douglas A. King Builders, Inc.
 Kool-Aire Inc.
 Krokidas & Bluestein Attorneys
 Lakeville Sand & Gravel Corp.
 Liberty Mutual Insurance
 Group/Boston
 Arthur D. Little, Inc.
 Lord Electric Company, Inc.
 Lotus Development Corporation
 MacGray Company, Inc.
 Francis H. Maroney, Inc.
 Massachusetts Cablevision
 Mass. Electric Construction Company
 Mass. Society of State Engineers, Inc.
 Medical-Technical Gases, Inc.

Melville Corporation
 Merchants Cooperative Bank
 Middlesex Research & Manufacturing
 Co. Inc.
 The Millipore Foundation
 Mobil Foundation, Inc.
 Morse Shoe Foundation
 Mortgage Guaranty Insurance
 Corporation
 National Door Corp.
 National Lumber Company
 The New England
 Parker Brothers, A Division of Kenner
 Parker Toys, Inc.
 Parker-Feldmesser
 Peat Marwick Main & Co.
 Perini Corporation
 Pneumo Corporation
 Polaroid Foundation
 Powder House Pub, Inc.
 Price Waterhouse
 Provident Institution for Savings
 Queen Supply Companies

Teradyne, Inc.
 Thermo Electron Corporation
 Times Mirror
 T & K Limited Partnership
 Top of the Hub
 Toyota Motor Sales, U.S.A., Inc.
 Teco Grinding Corp.
 Turner Construction Company
 Walsh Brothers Inc.
 Welch Nursing Facilities
 Woburn Foreign Motors, Inc.
 G.F. Wright Steel & Wire Co.
 Zayre Corp.

Foundations and Funds

The Lassar & Fanny Agoos Charity
 Fund
 Fred E. Bergfors Fund
 Boston Children's Heart Foundation
 The Boston Foundation
 Cable Family Charitable Foundation
 Children's Hospital Cardiovascular
 Surgical Foundation



K.J. Quinn & Company, Inc.
 Republic Plumbing Supply Co., Inc.
 R & M Realty Trust
 Ropes & Gray
 Saga International Holidays, Ltd.
 The Salomon Foundation, Inc.
 Scully Signal Company
 Shawmut Banks
 The Sheraton Corporation
 The Smith Print, Inc.
 Standex International Corp.
 Stanwood Drapery Co., Inc.
 State Street Foundation
 Sterling Corrugated Box Co., Inc.
 Stop & Shop Foundation
 Symmons Industries, Inc.

Children's Hospital Neurology Service
 Fund
 Children's Hospital Surgical Foundation
 CHMC Anesthesia Foundation
 CHMC Neurosurgical Clinical Fund
 Combined Jewish Philanthropies of
 Greater Boston
 The Charles M. Cox Trust
 Dean Foundation for Little Children
 Eastern Charitable Foundation
 Eaton Foundation
 Vain & Harry Fish Foundation, Inc.
 Orville W. Forte Charitable Foundatio
 The Nehemias Gorin Foundation

The Joseph M. Hamilburg Foundation
 Maurice E. Hart, Jr. Foundation
 The John Ernest Hoffman Foundation
 The Hopedale Foundation
 Henry Hornblower Fund, Inc.
 The Hunt Foundation
 Jeanne & Ira Kirshbaum Family
 Foundation
 Joseph B. Kirshbaum Family
 Foundation
 The Lebensfeld Foundation
 Fred & Sarah Lipsky Foundation
 Mailman Family Foundation, Inc.
 Massachusetts Chapter of Cystic
 Fibrosis Foundation
 Helen H. Meyer Trust
 The Middlecott Foundation
 The Paine Charity Fund
 Amelia Peabody Charitable Fund
 Amelia Peabody Foundation
 The Peabody Foundation, Inc.
 Joseph Persky Foundation
 Andrew W. Preston Charity Fund
 Olive Higgins Prouty Foundation
 The Samuel Rosenthal Foundation
 A.H. Rubenfeld Fund Inc.
 Richard Saltonstall Charitable
 Foundation
 Sawyer Charitable Foundation
 Sholley Foundation, Inc.
 Richard and Susan Smith Foundation
 Seth Sprague Educational & Charitable
 Foundation
 The Stratford Foundation
 Surdna Foundation, Inc.
 The Sidney A. Swensrud Foundation
 William Zakon & Sons Charity Fund
 Helen & Alvin Zises Philanthropic
 Fund

Trusts

Elisha V. Ashton Trust
 Jason S. Bailey Estate
 The George F. Baker Trust
 Mabelle G. Balkam Trust
 Robert B. Brigham Trust
 Alice E.E. Buff Trust
 Cabot Family Charitable Trust
 Richard B. Carter Trust
 James F. Casey Fund
 Ethel B. Crocker Trust
 Charles Davis Trust
 Charles J. Draper Trust
 John Duckworth III Trust Fund
 James W. Dunphy Trust
 Constance T. Dupee Trust
 G. Peabody & Rose Gardner
 Charitable Trust

Hermit Hill Charitable Lead Trust
 Mabel A. Horne Trust,
 Bank of Boston, Trustee
 Margaret M. Hurley Trust
 John Hancock Charitable Trust
 Marion R. Kanter Revocable Trust

Paul F. Hellmuth Estate
 Myrna S. Howe Estate
 Estate of Ruth B. Hutchinson
 James Jackson Jr. Estate
 Estate of Eva G. Johnson
 Helen Steel Jones Estate



Clive W. & Mona M. Lacy Charitable
 Trust
 Edward & Susie Hosmer Lanning
 Memorial Fund
 Mary E. Leckie Trust
 Estate of Alfred V. Lincoln
 The Phyllis McGillicuddy Charitable
 Trust
 G. Gorham Peters Trust
 Harry M. Pethybridge Trust
 Charles & Cornelia Pfaff Fund
 Louis W. Plansoen Trust
 Phyllis N. Plummer Trust
 Ora C. Roehl Charitable Trust
 Thomas Morgan Rotch Memorial Fund
 Gertrude H. Savage Trust
 William E. Schrafft and Bertha E.
 Schrafft Charitable Trust
 The Sharon Sanitorium
 William L. Shearer Trust
 William B. Wilkes Trust
 Benjamin L. Wilson Trust

Estates

Richard M. Banash Estate
 Estate of Evelyn C. Byng
 Estate of Andre Celieres
 Gretchen Clifford Estate
 Thomas K. Cory Trust
 Estate of Lotta M. Crabtree
 Estate of Anna M. Crowley
 Doris L. Currier Estate
 Frederika Farley Estate
 Esther V. Fisher Estate
 Estate of Gertrude H. Guillow
 Barbara Barnes Hansel Estate

Estate of Jacob H. Koplow
 Ernest A. Krause Estate
 Estate of Peter D. Ludy
 Margaret J. MacRae Estate
 Betty B. McAndrew Estate
 Estate of Robert C. Merriam
 Estate of Rosamond B. Niles
 Estate of Louise H. Parsons
 Beatrice E. Priest Estate
 Charles A. Rheault, Jr. Estate
 Leonard E. Roberts, Sr. Estate
 The Lucinda Ellen Shaw Trust
 Pauline E.A. Stokes Estate
 Benjamin F.C. Whitehouse Trust

Associations and Groups

Ahepa Charitable & Educational Corp.
 Alex Brown, Wainwright and
 Conservest Group
 American Association of Poison
 Control Centers
 Joe Andrews Volleyball & Teams Trivia
 Events
 Annie's Open Golf Tournament
 Association of Bank Holding
 Companies
 AT&T Communications
 AXION
 Bank of Scotland
 Boston Curtain & Drapery Club, Inc.
 British Charitable Society, Inc.
 Children's Committee of Quincy
 The Children's Hospital Alumni
 Association

The Children's Hospital League
 Children's Hospital School of Nursing
 Friends of J. Richard Oliver Cloutier, Jr.
 Combined Federal Campaign
 Massachusetts Bay Area
 Overseas Area - Virginia
 Seacoast Area - New Hampshire
 South Hampton Roads - Virginia
 San Antonio Area - Texas

Crescent Yacht Club, Inc.
 Daughters Of Laconia-Boston
 Daughters of Penelope
 The Drive
 Greenfield Lodge of Elks #1296
 The Epsilon Omicron Kappa
 General Electric Company Employees
 Good Neighbor Fund of Everett
 Good Neighbor Fund of Wilmington
 Hamilton-Wenham Regional High
 School Staff and Students

Harvard United Way
 Anne Holden Golf Tournament
 Holden Trowel Club
 Housewares Club of New England,
 Inc.

I.A.M. Cape Ann Local Lodge 2654
 John Hancock Children's Fund
 Lend A Hand Society
 Massachusetts Cosmetologists
 Association, Inc.

Massachusetts Elks Association, Inc.
 Maurice McGrath Roast
 MGIC Golf for Children's Hospital
 Monhegan Sail, Inc.

Friends of Brandon Mucci
 Mullen Lumber Co. Inc. Employees,
 Customers, and Friends
 New England Hellenic Medical
 Society, Inc.

New England Institute of Applied Arts
 and Sciences

NOEMI Aid to Crippled Children
 O K Corral Patrons

Palmer Manufacturing Company
 Employees

Pancretan Association of America
 Rockland Golf Course and Friends
 Sprague Electric Company Employees
 United Way of Greater Tucson
 Walsh Group

WBZ-Children's Hospital Fund
 Yamilia de los Santos Aid Committee
 Zeta Beta Tau Fraternity



Children's Hospital League

Officers and Executive Committee
 1987-1989

Michele Simourian

President

Susan Meyer

Vice President of Education

Myra Kraft

Vice President of Fund Raising

Carol Heller

Vice President of Membership

Bonnie Akins

Treasurer

Susan Sawyer

Secretary

Barbara Miller

Hospitality

Priscilla Doulton

Sheila Schwab

Zoe Kolligian

Festival Chairmen

Toni Macnamara

Past President

Fran Whitman

Chairman of Nominating Committee

Volunteer Service

More than 750 volunteers contributed more than 55,000 hours of service to Children's Hospital in 1987. In addition, more than 800 volunteers donated their talent as performers to entertain patients.

The volunteers listed below completed five years of service this year and received a five-year service pin.

Margaret Cass
 Gaspar DeJesus
 Joanne DiSalvo
 Polly Dunn
 Jane D. Ferris
 Anne Haynsworth

Thomas Howe

Catherine Illi

Jay Luby

Peter O'Malley

Dick O'Shea

Mary Scott

Clara Sheskey

Katherine Speliotis

The volunteers listed below completed 30 years of service this year and received a 30-year service pin.

Helen Ginsberg

Doris Levy

Lillian Shulman

1987 Humanitarian Award

Edwin Madden

Corporate Officers

David I. Kosowsky, Sc.D.,

Chairman of the Board

George H. Kidder,

Vice Chairman of the Board

John P. LaWare,

Vice Chairman of the Board

William L. Boyan,

Vice Chairman of the Board and

Treasurer

David S. Weiner, President

Jane Lawthers, Secretary

Antoinette J. Valenza,

Assistant Secretary

Board of Trustees

William W. Bain Jr.

William L. Boyan

Aldo R. Castaneda, M.D.

Douglas E. Hart

Nancy M. Kaplan

George H. Kidder

David I. Kosowsky, Sc.D.
 George H. Labovitz, Ph.D.
 John P. LaWare
 David A. Mittell
 David G. Nathan, M.D.
 Rudolph F. Pierce
 Helen B. Spaulding
 Hon. Joseph L. Tauro
 David S. Weiner

Administrative Council

David S. Weiner
 President
 Richard S. Luskin
 Executive Vice President
 Anne S. Black, M.S.N., R.N.,
 Vice President for Nursing
 David Estridge
 Vice President for Development and
 Public Affairs
 Rudman Ham
 Director of Facility Planning
 Anne Lang
 Associate Director for Human
 Resources
 Sheridan Kassirer
 Associate Director
 David M. Margulies, M.D.,
 Vice President, Information Systems
 Stuart Novick
 General Counsel
 Jane Lawthers
 Assistant to the President
 Roger G. Roux
 Vice President for Finance
 Joan E. Thompson
 Associate Director
 Carol Weinrib
 Vice President
 The Children's Medical Center
 John O. Wilhelm Jr.
 Senior Vice President for Finance,
 The Children's Medical Center
 Alexander Ziss
 Associate Director

Francis H. Gleason
 Mrs. Douglas Mercer
 William F. Morton*
 Thomas A. Pappas
 Mrs. Roger A. Perry
 Norman S. Rabb
 Ephraim Radner
 Margaret A. Revere
 Mrs. George Sherman
 Mrs. Kenneth W. Warren
 Mrs. Henry Wheeler Jr.*
 Loren C. White Sr.
 Howard S. Whiteside
 Mrs. David Wilder
 Mrs. Raymond Wing

Board of Overseers

*deceased
 Douglas E. Hart
 Director
 Charles F. Adams
 Daniel S. Ahearn
 Mrs. Carlton M. Akins
 Mrs. Alvin B. Allen
 Richard A. Berenson
 Harold Bernstein
 William L. Boyle Jr., Ed.D.
 Francis H. Brooks
 William L. Brown
 George H. Butcher III
 Charles C. Cabot Jr.
 Mrs. David Casty
 Hon. Richard Comerford
 T. Jefferson Coolidge Jr.
 Theodore L. Craft
 James H. Crissman
 Mrs. Chester C. d'Autremont
 John P. Driscoll Jr.
 Rep. Kevin W. Fitzgerald
 Thomas Flatley
 Mrs. E.B. Fleischaker
 Eugene M. Freedman
 George N. Friedlander
 Charles M. Ganson Jr.
 G. Peabody Gardner III
 Andrea W. Gargiulo
 James E. Gerrity III
 Stanley P. Goldstein
 John W. Goodrich
 Robert G. Gordon
 Mrs. John A. Gray
 Roland Gray Jr.
 Stephen J. Griffin
 H. Irving Grousbeck
 John L. Hall II
 A. B. Hartman
 Leslyn A. Hayden-Thorne
 Charles H. Hood
 Mrs. Charles F. Hovey
 Mrs. Guerard H. Howkins Jr.
 Weston Howland Jr.
 Mrs. Robert M. Jaffe
 Edward C. Johnson III
 Thomas W. Jones
 David M. Kaplan
 Senator Edward M. Kennedy
 Joan Kennedy
 Carleton Knight Jr.
 Mrs. Robert Kraft
 Mrs. Norman B. Leventhal
 Mrs. Stephen Little
 John H. Livens
 Robert Livermore
 Heriberto J. Lobo
 Antoinette Macnamara
 Trudy Hittell Mades
 William D. Manice Jr.
 James S. McDonald
 Joseph C. McNay
 Donald R. Meltzer
 Alan S. Miller
 J. David Moran
 E. James Morton
 Alexander S. Nadas, M.D.

Honorary Life Overseers

*deceased
 Mrs. Charles F. Batchelder Jr.
 F. Gorham Brigham Jr.
 John G. Brooks
 John L. Cooper
 Leonard W. Cronkhite Jr., M.D.
 Mrs. Albert V. Danielsen
 F. Murray Forbes Jr.
 Mrs. Robert G. Fuller
 George P. Gardner Jr.
 Mrs. Lee Day Gillespie
 Mrs. Howard F. Gillette



Mrs. Arthur H. Nelson
 William A. Oates Jr.
 Joseph W. O'Connor
 Bess Pappas
 Julian L. Pearlman, M.D.
 Mrs. Roger A. Perry Jr.
 George W. Phillips
 Mrs. Richard F. Piper
 Joseph W. Potter Jr.
 Mrs. Joseph W. Potter Jr.
 William W. Powell
 Richard Prouty
 Philip S. Robertson
 Roger A. Saunders
 Roger D. Scoville
 George Shapiro
 Stanley Shmishkiss
 Michele Simourian
 Jolane Solomon
 A. Tozzer Spalding
 John K. Spring
 Anne B. Stone
 M. Greely Summers
 Douglas MacN. Surgenor, Ph.D.
 Humphrey H. Swift
 John F. Taplin
 Thomas E. Tierney
 James N. von Germeten
 Charles P. Waite
 Mrs. Jacob Wallace
 Ben Ames Williams Jr.
 J. Robert Willing
 Robert Wolff Jr.
 Richard M. Wyman
 Stuart Zerner

Chiefs of Departments, Divisions, and Sections

Department of Anesthesiology

Milton H. Alper, M.D.,
 Anesthesiologist-in-Chief

Department of Cardiology

Bernardo Nadal-Ginard, M.D., Ph.D.,
 Cardiologist-in-Chief
 Donald C. Fyler, M.D.,
 Associate Cardiologist-in-Chief

Department of Cardiovascular Surgery

Aldo R. Castaneda, M.D.,
 Surgeon-in-Chief and
 Cardiovascular Surgeon-in-Chief

Department of Dentistry

Stephen Shusterman, D.M.D.,
 Dentist-in-Chief
 Howard L. Needleman, D.M.D.,
 Associate Dentist-in-Chief

Department of Medicine

David G. Nathan, M.D.,
 Physician-in-Chief
 Frederick H. Lovejoy Jr., M.D.,
 Associate Physician-in-Chief

Division of Adolescent and Young Adult Medicine

Robert P. Masland Jr., M.D., Chief

Division of Ambulatory Medicine

Judith S. Palfrey, M.D., Chief
 Child Development Unit
 T. Berry Brazelton, M.D., Chief
 Community Services
 Judith S. Palfrey, M.D., Chief
 Developmental Evaluation Clinic
 Allen C. Crocker, M.D., Chief
 Family Development
 Eli H. Newberger, M.D., Chief

Division of Immunology

Raif S. Geha, M.D., Chief
 Allergy
 Raif S. Geha, M.D., Chief
 Dermatology
 Rita Berman, M.D., Acting Chief
 Clinical Immunology
 Fred S. Rosen, M.D., Chief
 Rheumatology
 Susan Hoch, M.D., Chief

Division of Infectious Diseases

Kenneth S. McIntosh, M.D., Clinical
 Chief
 Alice S. Huang, Ph.D., Chief of
 Laboratories

Division of Nephrology

William Harmon, M.D., Chief



Medical Information Sciences

David M. Margulies, M.D., Chief
 Pharmacology-Toxicology
 Alan D. Woolf, M.D., Chief
 (eff. 3/1/87)

Services to Handicapped Children

William Berenberg, M.D., Chief

Division of Emergency Medicine

Gary R. Fleisher, M.D., Chief

Division of Endocrinology

John F. Crigler Jr., M.D., Chief

Division of Gastroenterology/Nutrition

W. Allan Walker, M.D., Chief
 Alan Leichtner, M.D., Clinical Chief

Division of Genetics

Samuel A. Latt, M.D., Ph.D., Chief
 Clinical Genetics
 Bruce R. Korf, M.D., Ph.D., Chief

Division of Hematology/Oncology

Samuel E. Lux, M.D., Chief
 Pediatric Oncology at the Dana
 Farber Cancer Institute
 Steven J. Burakoff, M.D., Chief

Division of Newborn Medicine

Michael F. Epstein, M.D., Chief

Division of Pulmonary Medicine

Mary Ellen Wohl, M.D., Chief

Department of Neurology

Charles F. Barlow, M.D.
 Neurologist-in-Chief

Division of Neuroscience

Richard L. Sidman, M.D., Chief

Department of Neurosurgery

Peter McL. Black, M.D.,
 Neurosurgeon-in-Chief

Department of Ophthalmology

Richard M. Robb, M.D.,
 Ophthalmologist-in-Chief

Department of Orthopaedic Surgery

John E. Hall, M.D.,
 Orthopaedic Surgeon-in-Chief

Department of Otolaryngology

Gerald B. Healy, M.D.,

Otolaryngologist-in-Chief

Theodor J. McGill, M.D.,

Associate Otolaryngologist-in-Chief

Department of Pathology

Lynne Reid, M.D.,

Pathologist-in-Chief

Gordon F. Vawter, M.D.,

Associate Pathologist-in-Chief

Department of Psychiatry

Stanley Walzer, M.D.,

Psychiatrist-in-Chief

Division of Psychology

Gerald Koocher, Ph.D.,

Acting Chief

Department of Radiation Therapy

C. Normon Coleman, M.D., Chief

Department of Radiology

John A. Kirkpatrick, Jr., M.D.,

Radiologist-in-Chief

G.B. Clifton Harris, M.D.,

Associate Radiologist-in-Chief

Division of Nuclear Medicine

S. Ted Treves, M.D., Chief

Department of Surgery

W. Hardy Hendren, M.D., Chief

Division of Gynecology

Donald P. Goldstein, M.D., Chief

Division of Plastic Surgery

Elof Eriksson, M.D., Chief

Division of Urology

Alan B. Retik, M.D., Chief

Admitting
Anesthesiology
Animal Facility
Blood Bank
Cardiology
Cardiovascular Surgery
Cell Biology
Central Processing
Chaplaincy Services
Clinical Engineering
Clinical Laboratories
Community Services
Continuing Care
Dentistry
Development and Public Affairs
Employee Health
Environmental Services
Epidemiology
Facility Planning
Fiscal Services
General Counsel
General Stores
Hearing and Speech
Hemodialysis
Hospital Engineering
Human Resources
Information Systems
Linen
Management Engineering
Materials Management
Media Services
Medical Records
Medicine
Message Center
Neurology

Neurosurgery

Nursing

Nutrition and Food Services

Occupational Therapy

Ophthalmology

Orthopaedic Surgery

Otolaryngology

Parking and Transportation

Pathology

Patient Activity

Patient Relations

Pharmacy

Physical Therapy

Printing Services

Psychiatry

Purchasing

Quality Assurance/Risk Management

Radiation Therapy

Radiology

Rehabilitation Engineering Center

Research Administration

Respiratory Therapy

Security

Social Service

Surgery

Telecommunications

Volunteer Service

Outpatient Programs

Adolescent/Young Adult Clinic

Allergy Clinic

Ambulatory Nursing Program

Ambulatory Surgery Service

Anorexia Nervosa and Associated
Disorders Clinic

Arrhythmia Clinic

Arthritis Clinic

Behavioral Medicine Program

Birth Defects Service

Cardiology Clinic

Cardiomyopathy Clinic

Cerebral Palsy Medical Clinic

Cerebral Palsy Orthopaedic Clinic

Cervical Clinic

Communication Enhancement Clinic

Community Services Program

Comprehensive Child Health Program

Craniofacial Clinic

Cystic Fibrosis Clinic

Dental Clinic

Dermatology Clinic

Developmental Consultation Program

Developmental Evaluation Clinic

Diabetes Clinic—Pediatric and
Adolescent

Diagnostic Evaluation Clinic

Diagnostic Test Center

Dietary Consultation Program

Down Syndrome: Early Intervention
Program for Infants



Early Childhood Program
 Educational Assessment and Functional
 Progress Program
 Emergency Medicine
 Endocrine Clinics—Pediatric and
 Adolescent
 Family Development Clinic
 Functional Progress Program
 G.I./Nutrition Clinic
 General Renal Clinic
 Genetics Clinic
 Genitourinary Clinic
 Growth Clinic
 Growth and Nutrition Clinic
 Gynecology Clinic
 Gynecology Nurse Program
 Hand Clinic: Combined
 Orthopaedic—Plastic
 Hearing Disease Prevention Program
 and Hyperlipidemia Clinic
 Hematology Clinic
 Hemophilia Clinic
 Hypertension Clinic
 Infant Follow-Up Program
 Lead and Toxicology Clinic
 Learning Disabilities Clinic
 Liver Transplant Clinic
 Martha Eliot Health Center
 Massachusetts Poison Control System
 Medical Continuity Clinic
 Medical Diagnostic Clinic
 Medical Nurse Program

Metabolic Bone Disorders Clinic
 Metabolism Clinic
 Myelodysplasia Clinic
 Neurology Clinic
 Neurology Nurse Program
 Neuromuscular Diseases Clinic
 Neuropsychology Testing Services
 Neurosurgical Clinic
 Nuclear Medicine Division
 Occupational Therapy Clinic
 Oncology Services, Pediatric
 Ophthalmology Clinic
 Oral Surgery Clinic
 Orofacial Clinic
 Orthopaedic Clinic, General
 Orthopaedic Nurse Program
 Orthoptic Clinic
 Ostomy Program
 Otolaryngology Clinic
 Pacemaker Clinic
 Pains and Incontinence Program
 Pediatric Consultation Services
 Physical Therapy Department
 PKU: Inborn Errors of Metabolism
 Clinic
 Plastic Surgery Clinic
 Podiatry Clinic
 Preschool Function Program
 Prevocational/Vocational Work
 Experience Program
 Prosthetic Clinic
 Protein Clinic
 Psychiatry Clinic

Psychology Testing Services
 Psychopharmacology Clinic
 Psychosomatic Follow-Up Clinic
 Pulmonary Clinic
 Pulmonary Function Laboratories
 Radiation Therapy Department
 Radiology Department
 Renal Transplant Program
 School Function Program
 School Health Services
 Seizure Clinic
 Seizure Unit
 Seizure Unit Family Services Team
 Sexual Abuse Treatment Team
 Sleep Disorder Program
 Social Services Department
 Spanish Team
 Spanish School Functions Team
 Spinal Clinic
 Sports Medicine Division
 Surgical Clinic, General
 Surgical Nurse Program
 Tumor Program
 Urodynamics Laboratory
 Vascular Clinic
 Wrentham State School Contract
 Young Adult Congenital Heart Clinic
 Young Children and Their Parents
 Development Clinic
 Young Parents Program





Maria Andy's smile lights up her whole face. It is a smile with special meaning for everyone who took care of her at Children's Hospital.

In May 1987, Maria came to Boston from an orphanage in Ecuador. Her trip was sponsored by Por Cristo, a Brockton-based group dedicated to improving medical conditions in underdeveloped countries. Maria's legs and spine were badly twisted as a result of a birth defect; at 7 years old, she had never walked.

Children's Hospital helped to change that. Once in Boston, Maria began intensive physical therapy and worked hard to strengthen her upper legs. In August, when the surgeons at Children's Hospital determined her upper legs had developed enough, both of Maria's twisted legs were amputated at the knee.

William Miller, director of Orthodics and Prosthetics, fashioned special child-size prostheses for her, and with the aid of crutches Maria started learning to walk. A little more than a week after surgery, she took her first steps in Children's Prouty Garden.

Now, just a few months later, Maria uses only one crutch when she comes to Children's for her weekly visits. She lives with Joyce and Jim Kldd, who have taken her into their home and are hoping to adopt her. Maria goes to school now; soon she will celebrate her eighth birthday with her classmates and one of her favorite foods—pizza.

She recently returned from her second-longest journey—to Disneyland in California. Maria proudly carries a photo taken with Mickey Mouse; in the picture she is wearing her mouse ears and that special smile.

Children's works to bring smiles to the faces of children like Maria from all over the world. The best doctors, nurses, and caregivers team up to deliver the finest pediatric care. Their efforts are enhanced by the new patient care building, a facility designed to accommodate state-of-the-art equipment and better meet the diverse needs of patients, families, and staff.

Your support is an important part of Children's efforts. Contributions from friends like you help to ensure the excellence in pediatric care for which Children's has earned a worldwide reputation. Whether in support of ongoing programs in patient care, research, and teaching, or through funding of the new patient care facility, please consider a gift to Children's Hospital. More children like Maria will grow up healthy and happy—and that will give us all something to smile about.

Maria's Smile

The Children's Hospital



300 Longwood Avenue, Boston, Massachusetts 02115

NONPROFIT ORG
U.S. POSTAGE
PAID
BOSTON, MASS
PERMIT NO. 1